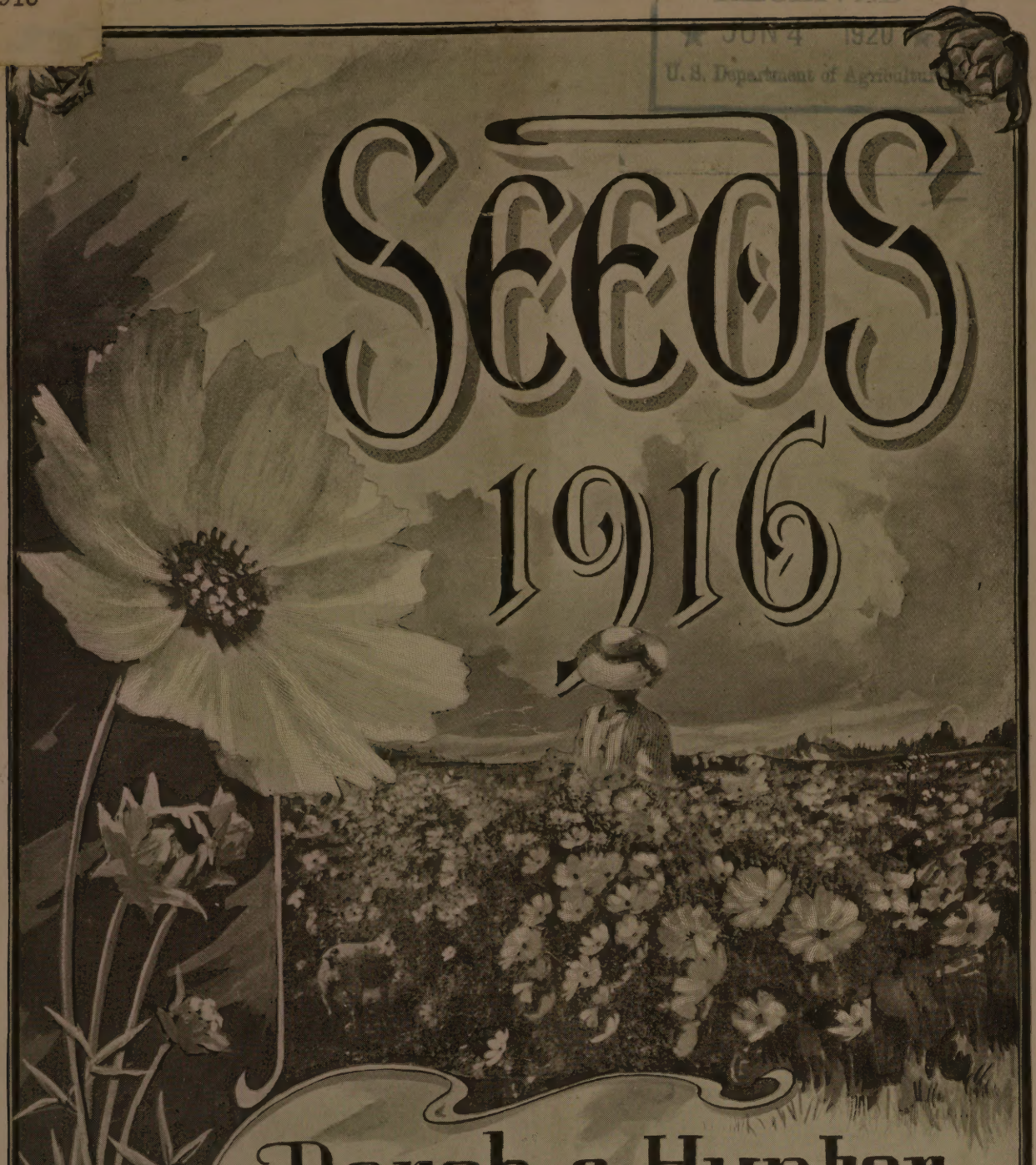
63.01
CANADA
1916

63.01

LIBRARY
RECEIVED
JUN 4 1920
U. S. Department of Agriculture

SEEDS
1916



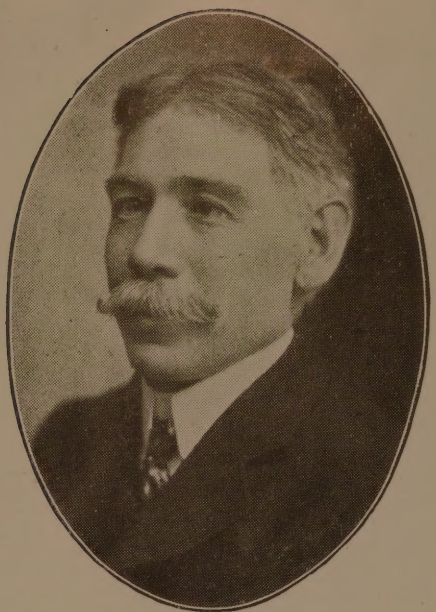
Darch & Hunter
SEED CO. LIMITED

LONDON — CANADA

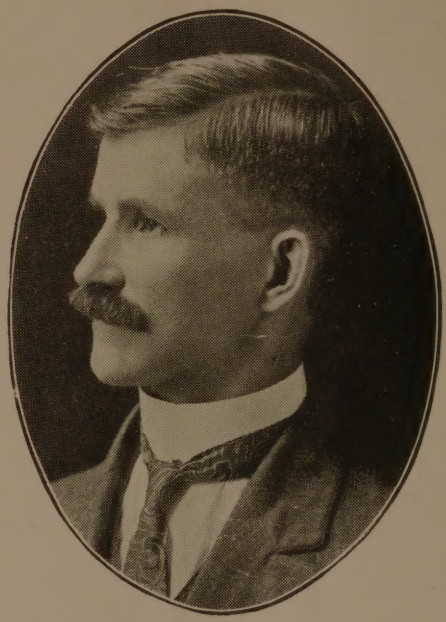
COSMOS

"ASK THE MAN WHO SOWS THEM"

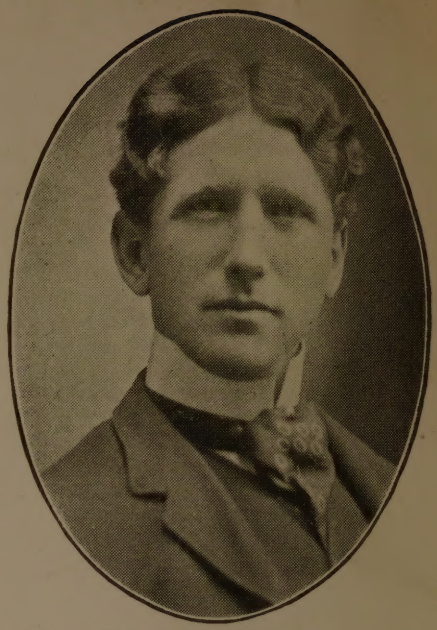
Officers and Directors of the



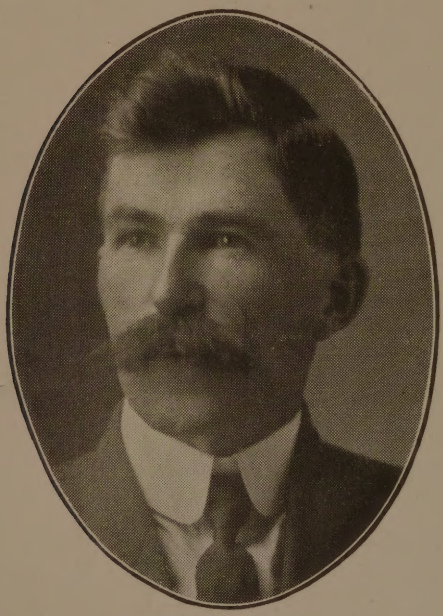
MR. JOHN W. HUNTER, Vice-President and Treasurer. For over 40 years in the business, also Director of the London District Agricultural Society, member of the London Horticultural Society, also Agricultural Committee Western Fair. An expert judge at many exhibitions on roots, grain, vegetables and flowers of which he has made a life study.



MR .T. ARTHUR BAKER, Secretary, was identified with the business as a boy but severed his connection with it to embark with his father and brother in fruit growing, specializing strawberries; ex-secretary London Fruit Growers' Association, member of the Middlesex Fruit Growers' Association. Returned to the seed business two years ago.

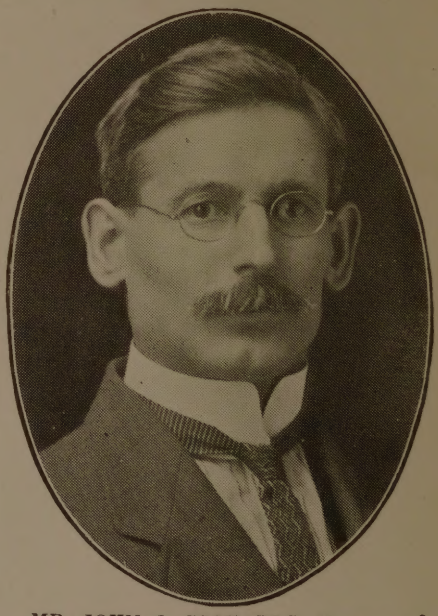


MR. GEO. A. YOUNG, President, has been in the business for 28 years, member of the Western Ontario Commercial Travellers' Association, one of the best judges of corn in Canada. He is known personally to thousands of merchants of Ontario, and personally supervises our Wholesale Department, also very deeply interested in everything pertaining to Agriculture and Horticulture.



MR. C. WESLEY BAKER, Director, Superintendent of our Market Gardeners' Department, ex-president Ontario Vegetable Growers' Association, secretary of Exhibit Committee "Greater Middlesex" Publicity Association. An expert on Spraying and an enthusiast in everything he undertakes.

DARCH & HUNTER SEED CO. Limited
London, Ont.



MR. JOHN O. RICHARDS, Manager of our Mail Order Department. Has been with the Company and its predecessors for over 25 years. Every order (and there are tens of thousands) passing through his department, has his personal supervision and being a shareholder has a direct interest in seeing that every order is well and carefully looked after.

London, January 1st, 1916

Dear Customers and Friends:—In presenting our Catalogue for 1916 it is with great pleasure we extend our hearty thanks to those who have favored us with their orders for so many years.

We thought it would not be amiss, and hope you will not think it egotistical on our part if we present on this page photographs and a brief history of those who take a personal interest in the thousands of orders entrusted to this Company.

With the above few personal remarks we again wish to thank you for all past favors and hoping for a continuance of the same.

DARCH & HUNTER SEED CO., Limited.

HINTS FOR MAIL ORDER BUYERS

Always sign your name and address in full.

Cash for the full amount must accompany every order. We Do Not Send Goods C.O.D.

Send Money by Registered Letter, Postal Note, Post Office Order, Express Order or Bank Draft.

Postal Notes cost 1 cent for amounts to 40c; 2 cents to $2.50; and 3 cents to $5.00.

Club Orders—Customers, by combining with a few others in sending orders, can greatly reduce the cost of carriage. Each order is filled and parcelled separately, and all are packed and sent to one address.

We pay the postage on all Seeds, Plants, etc.

Bags for Grain, Clovers and Grasses, extra.

Flag Stations (Stations where there is no Freight Agent)—Freight charges must be included in all orders for goods addressed to flag stations.

Otherwise it will be necessary to reduce quantities to allow for freight, as the charges to flag stations must always be prepaid.

State clearly if goods are to be sent by mail, express or freight. Sometimes we prefer to send orders by express prepaid instead of mail, but only when there is a saving of cost to ourselves, and when convenient for purchaser to receive them that way. If express Office is not convenient please state so.

Do not send private cheque as we have to pay heavy exchange to cash them. (All such cheques we will return.)

If you do not get an answer to your letter in a reasonable time write us again; we may not have had yours.

ORDER SHEET

19 10

DARCH & HUNTER SEED CO.

SEEDSMEN Limited

119 DUNDAS STREET AND MARKET SQUARE, LONDON, ONT.

You run no risk in sending money to us for we guarantee safe arrival if you send by P. O. Order, Express Order or Registered Letter.

All remittances by Post Office or Express Order, Bank Draft and Registered Letter, are at our risk. Do not send Money in ordinary letters without registering, it is not safe, we will not be responsible for it, and if lost you must not expect us to make it up.

CONDITIONS OF SALE—Darch & Hunter Seed Co., Limited, give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, etc., they send out, and they will not be in any way responsible for the crop. All seeds bought from them must be accepted on these conditions.

Name.....
(Mr., Mrs., or Miss and be sure to give initials.)

Post Office.....R. R. No.....

Express Office.....Province.....

Nearest Freight Station.....

Situated on the.....Railway?

My P. O. was formerly.....

Shall we send per Express, Freight or Mail.....

Date.....1916.

Do you grow Vegetables or Flowers for Market?.....

Do you wish our Bulb Catalog.....or our Poultry Catalog next Fall?.....

Amount Remitted.....

Express Order.....

P.O. Order.....

Postal Note.....

Cash.....

Postage Stamps.....

Total.....

Please Do Not Write Here

Date Received	Receipt No.

HOW SENT

Mail.....

Express.....P.P.....

Freight.....P.P.....

Pt. Mailed.....

Advise Shipment.....

Checked by.....

Date Filled.....

See our premium offers on Page 1.

THIS SPACE FOR FLOWER SEEDS

(Order by number only)

No. of Packets	Cata. Number	Price	AMOUNT $	AMOUNT c	No. of Packets	Cata. Number	Price	AMOUNT $	AMOUNT c

If you order goods from Special Quotations attach it to this order sheet. When selecting from our Catalogue do not cut out the illustrations, but merely give number or name of article.

This Space for Bulbs, Plants, Roots etc.

Perishable goods will be sent as soon as danger from frost is past.

Quan.	Name of Variety	Price	AMOUNT $	AMOUNT c

PLEASE USE INK WHEN MAKING OUT YOUR ORDER.

SEEDS BY MAIL

OUR PREMIUMS ARE LIBERAL—On 1st Page of Catalogue we are offering your choice of Valuable Premiums, all being absolutely free and well worth the prices attached to each. You can get any one of them.—TAKE YOUR CHOICE.

DATES FOR SHIPPING
Unless otherwise ordered. Earlier if season will Permit.
ONIONS, about March 25th.
SHRUBS and FRUITS, about April 12th.
PLANTS, BULBS, ETC., about April 20th.
POTATOES, ETC., about April 25th.
Or as soon as danger from freezing is past.

We send free by mail all seeds priced by the PACKET, OUNCE or QUARTER POUND and POUND, except where noted. The prices for Garden Peas, Sweet Corn and Beans are quoted with postage added.

Bush	Pecks	Lbs.	Ozs.	Packet	VEGETABLE SEED, GRAIN, POTATOES, ETC., WANTED	$	c
					AMOUNT BROUGHT FORWARD		
					Total - - $		

FLAG STATIONS (Stations where there is no Freight Agent)—Freight must be prepaid, so remit sufficient to do this.

COTTON BAGS, 25c each. If you do not include amount we will have to deduct from goods ordered.

PLEASE USE INK WHEN MAKING OUT YOUR ORDER

VALUABLE PREMIUMS

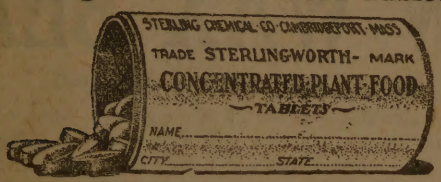
"ABSOLUTELY FREE."

On all kinds of goods listed in this Catalogue at prices attached excepting **collections or Special Offers,** on which we positively cannot allow any reduction or Premiums.

We make no restrictions as to kinds or quantities of goods ordered, but please bear in mind **Only One Premium can be Selected.**

NOTE—Select your Premiums. It's your privilege. We can't. Your choice of the following on the above Conditions.

"PINK PILLS FOR PALE PLANTS" (Sterlingworth Plant Food Tablets)

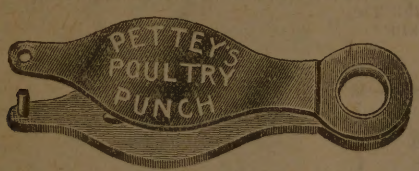


WITH A ONE DOLLAR ORDER OR MORE we will send one large size box of Sterlingworth Plant Food Tablets. Takes the place of Liquid Manure. It starts the plants at once into healthy and vigorous growth, and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are odorless, non-poisonous, uninjurious and are clean and easy to handle. If your plants are not doing well, try Sterlingworth Plant Food Tablets and see how quickly they are benefitted. **Price 25c, postpaid 35c.**

HANSON'S RENNET TABLETS.

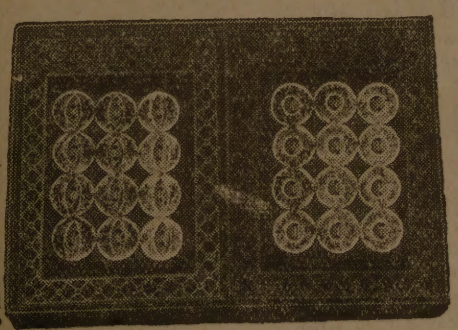
WITH A ONE DOLLAR ORDER OR MORE we will send one bottle of Hanson's Rennet Tablets for Junket. Take one quart of rich sweet milk, warm to about 80 degrees (lukewarm), then put in a cup of sugar and grate in a little nutmeg, or it may be flavored with half a cup of the juice of raspberries or strawberries well sweetened, or a teaspoonful of lemon or vanilla. Then dissolve in a tablespoonful or small wine glass of cold water one of the "Rennet Tablets," and stir this into the milk quickly. Set in a warm place and leave it for half an hour, until it is firm, then set it where it will cool, when it is ready for the table. Should be prepared about one or two hours before eating. Serve as you would custard or any other pudding. Full directions printed on each bottle. If you do not select as a premium, the price is **25c per bottle.**

PETTEY'S PERFECT POULTRY PUNCH.



WITH A ONE DOLLAR ORDER OR MORE we will send one All-Steel Nickle-Plated Punch. Punches clean. Hole is right size. Will not bruise the foot. Chicks may be marked as soon as hatched. Mark them all and know their age. It's just what you want. A card will be sent with each punch showing the number of markings which can be made. If you do not select as a premium and wish to purchase, the price is **25c postpaid.**

FAMILY BUTTON BOX



WITH AN ORDER FOR TWO DOLLARS OR MORE we will send one box containing six dozen assorted plain and fancy patterns Pearl Buttons in the most popular and useful sizes. These Pearl Buttons are of the finest quality, clear white, highly polished, and will be sure to please the most critical housewife. If you do not select as a premium and wish to purchase, these will be sent, postpaid, for **45c, or 3 boxes for $1.25.**

THE HOBBY BOOKS.

This is a new series of useful books for those who take their hobbies seriously. Carefully written by acknowledged experts and very fully illustrated. Pocket size. Bound in cloth. Attractive picture wrappers.

WITH A TWO-DOLLAR ORDER OR MORE

YOUR CHOICE OF ANY ONE OF THE FOLLOWING:

1. **GARDENING**—Success in Vegetables, Flower and Fruit culture. It offers to the reader the finest shrubs, the best roses, the gayest perennials. Eight colored plates, 120 sketches and diagrams, 304 pages.
2. **POULTRY-KEEPING**—Very complete. Tells all about houses and runs, what breed to keep, feeding and management. Hatching with the hen and incubator; shows and showing; ducks, turkeys, geese and guinea fowls, etc. Eight colored plates; 94 sketches and diagrams; 285 pages.
3. **PETS**—The most up-todate knowledge of the habits care and treatment of all home pets to the owners who breed and aim at showing dogs, cats, pigeons, rabbits, etc.; useful and instructive. Eight colored plates; 98 sketches and diagrams; 271 pages.
4. **HOME MECHANICS**—Those who are mechanically inclined, and, in fact, those who are not, can find in this book diagrams and sketches with all information for building many useful articles, such as a pneumatic sprayer, a force pump, a simple electric motor, overlaying in wood, metal, etc., fretwork, etc. 214 sketches and diagrams. Worth many dollars. 301 pages.
5. **HANDY-WORK**—This book will render you, to a certain extent, independent of the craftsman. Repairs to furniture, metal work, soldering, gluing, painting, the care of cycles and motor cars, electric bells and many practical wrinkles for everyday use. 214 sketches and diagrams; 284 pages.

Or your choice of any one of the following **GREENHOUSE MANAGEMENT, FLOWER GARDENING, BULB GROWING, ROSE GROWING, FRUIT GROWING, LITTLE GARDENS.** For descriptions see page 80.

OUR "EXCELSIOR" CLOTH BRUSH.

A Most Useful and Valuable "Friend in Need."

WITH A THREE DOLLAR ORDER OR MORE we will send you one of these elegant brushes, which is made of genuine horse hair surface all through. It has a beautifully polished back of the choicest wood obtainable; curved in artistic lines and nicely stained. The size is just right for handling, being 7 inches long, 2 inches wide and 1½ inches deep. A real horse hair surface and positively the genuine article. **You cannot purchase this from us, but it's worth 50c.**

THE CROCODILE WRENCH.

An all-around handy Tool for the Home, Farm and Shop.

SIX HANDY TOOLS IN ONE.

With Every Five Dollar Order or More.

One CROCODILE WRENCH—It is drop forged from the finest tool steel and scientifically tempered. Every wrench guaranteed against breakage. It is 8½ inches long and weighs ten ounces.

A pipe wrench, a nut wrench, a screw driver and three dies for cleaning up and re-threading rusted and battered threads on blank bolts. Dies will fit all bolts used on standard farm machinery.

Teeth and dies are case-hardened in bone-black, making them hard and keen.

The dies on this wrench alone would cost $1.50, and would be worth more than that to every farmer, as they would often save valuable time, besides an extra trip to town for repairs.

Requires no adjustment; never slips, is simple and always ready for use.

Will work in closer quarters than any other wrench. Handy tool to carry on a binder, reaper, mower, etc.

Handy for removing all removable calks. Light, strong, compact and easily carried in the hip pocket.

A convenient household wrench.

For illustration, see page 76.

If you do not select as a Premium and wish to purchase the price is **75c postpaid.**

WE ARE PROUD OF THE PREMIUMS WE ARE GIVING. EVERY $1.00 ORDER OR MORE GETS ONE.

1916

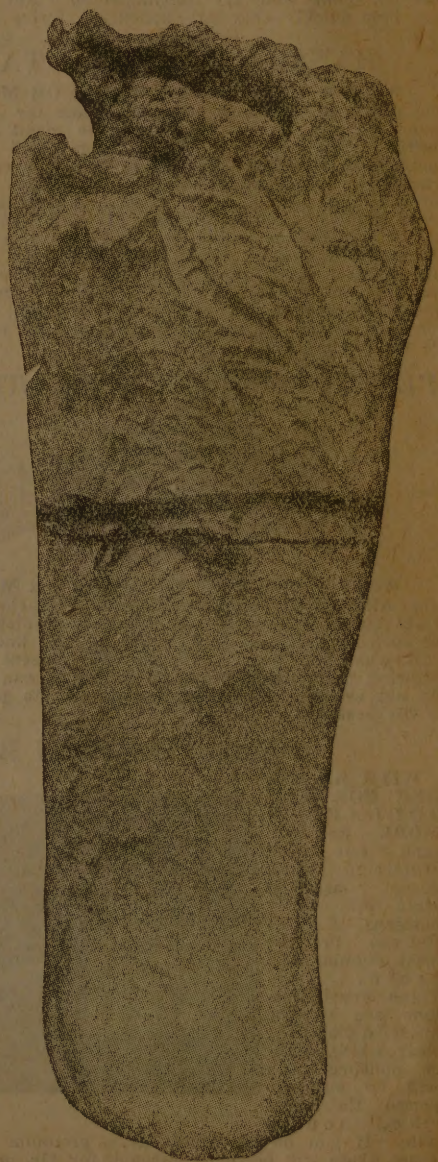
SPECIALTIES IN VEGETABLE SEEDS

1916

NEW WAX BEAN

"KANTBEETIT" (Name Copyrighted)

Those who consider Wardwell's Kidney Wax "the only market gardener's bean" should try this new sort alongside. Comparative trials with us have proven that our new Wax Bean, "KANTBEETIT" (name copyrighted), is not only more prolific—bearing almost two pods to Wardwell's one—but the beans are also longer, handsome, entirely stringless and of superior quality. Plants are of robust, erect growth, bearing the loads of beautiful pods well above the ground. They are healthy, blight-resisting and continue to bear a long time. The pods are flattish-oval, thick and fleshy. They average six to seven inches in length, are borne in large clusters and make the finest show on the market on account of their rich yellow-lemon color and straight handsome shape. In quality this bean is unsurpassed. Brittle and stringless at all stages of development; meaty and of fine flavor. Matures with Wardwell's, but will outyield this old standby every time. **Pkt. 10c, ½ lb. 25c, lb. 45c, postpaid.**



CHINESE CABBAGE

(PE TSAI)

Also Known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc.

An annual introduced into this country from Shontung, China. A new vegetable for Canada. It is a species of cabbage, with a fine delicate flavor so that it might be called odorless, also resembles a stalk of celery more than a cabbage head. It is as tender as head lettuce and once introduced becomes a great favorite and is in great demand for numerous dishes such as salads, cole slaw, and having a mild and pleasant delicate flavor, it can be eaten raw, or it may be cooked, but being very tender it must be cooked quickly. It can be grown to fair size on any good garden soil that will grow good cabbage. If the weather should be very warm at the time of heading, tie up like Endive. Keep well watered.

For Fall or early Winter crop, the proper time to sow the seed in drills outside is early in August, depending on weather and other conditions. It is a very rapid grower. If sown outside make rows not less than 20 inches apart and the plants finally thinned to 12 or 15 inches apart. Cultivate the same as cabbage. For Winter use it is taken up before hard frost or freezing and cared for the same as cabbage in Winter. If permitted to freeze it will rot very quickly. The mode of storing is to cover with straw and a sufficient quantity of earth to keep out the frost. (See illustration.) **Pkt. 10c, ½ oz. 20c, oz. 35c.**

"Improved" Bush Lima Beans

The pods are truly enormous in size, borne abundantly and well filled with handsome beans, which are both larger and thicker than those of the Burpee's Bush Lima, and fully eight days earlier. It differs from the best strains of Burpee's Bush Lima in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size, but also considerably thicker. The growth is even more vigorous, with heavier foliage. The plants are uniformly upright. Full-grown bushes measure 30 inches in height and 24 inches across the top. The blossom-bearing stalks are thrown well out from the foliage, and the pods are borne frequently in what might be called "clusters" of from five to eight. The pods measure five to six inches long by one and one-quarter inches wide. Even when of full size, the enormous beans are of most luscious flavor; they are thin-skinned and truly delicious. **Per pkt. 10c, ½ lb. 25c, lb. 40c, postpaid. By express or freight at purchaser's expense: 4 qts. $2.00.**

Asparagus or "Yard-Long" Beans

The True Asparagus Bean is superior to Kentucky Wonder in quality and fully equal in productiveness. The long, slender pods are very fleshy, almost round, crisp, tender and delicious, of a beautiful pale green color, attractive form and absolutely stringless. No Bean equals it either for market or home use. They grow vigorously and bear heavily the vines being literally covered with great clusters of shapely pods. Asparagus beans are profitable and heavy producers for market or garden, but owing to their fleshy pods are a difficult seed crop to produce and the demand has always exceeded the supply. Cultivated same as other pole beans. Stock limited. **Pkt. 10c.**

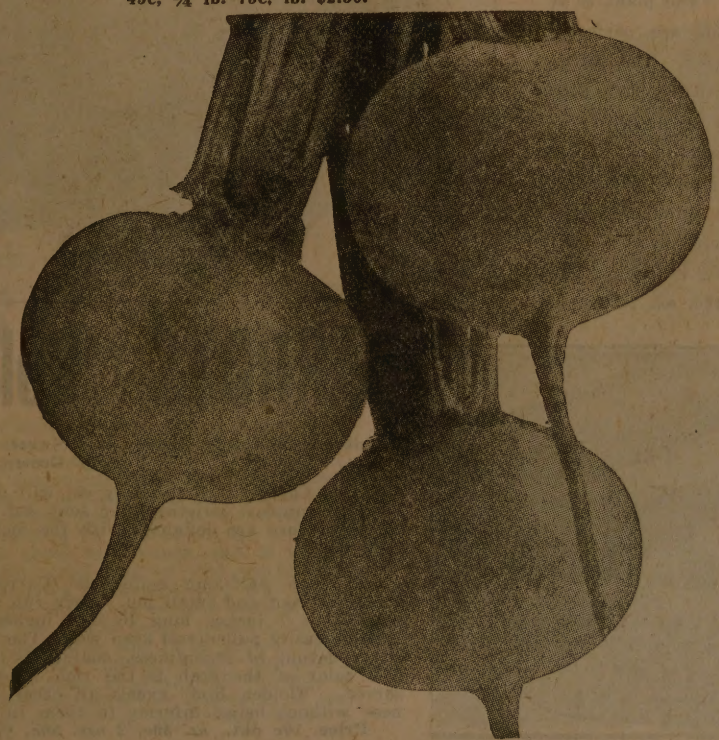
EARLY FIREBALL BEET

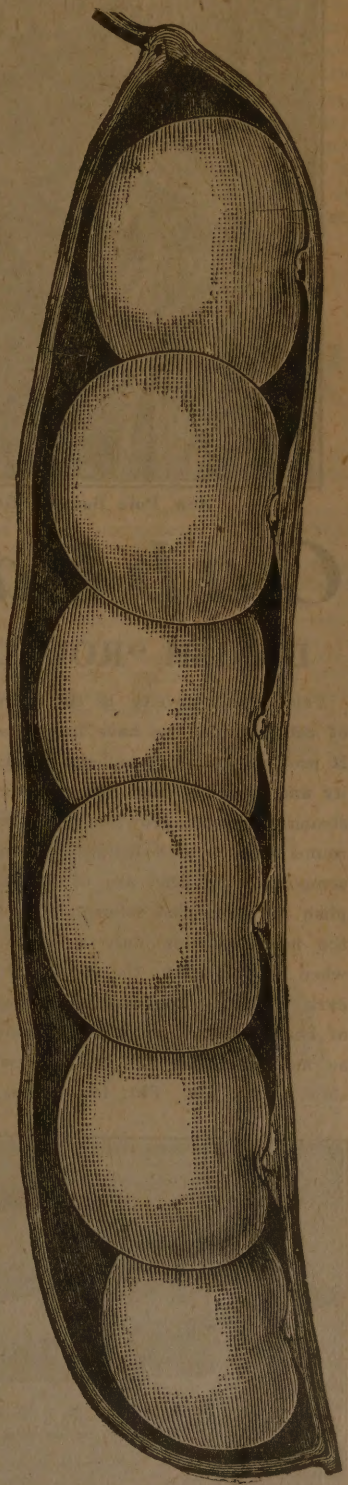
THE EARLIEST TABLE BEET

The most handsome beet, of perfect globe shape, fine grained, tender, delicious flesh; skin and flesh of deepest blood-red color.

EARLY FIREBALL, which we offer for the first time this season, is new and distinct and is the best of the extra early table beets. It is fully as early as the old flat Egyptian beet, but is of perfect globe form and much superior in quality, having very fine grained, rich and exceedingly tender flesh of superlative quality. The leaves are small, upright, of rich purple color, and borne on slender stems occupying but a small portion of the bulb, the roots are uniformly medium sized of perfect globe shape. The surface is remarkably smooth. It has a very small tap root. The color of the skin and flesh is a brilliant, dark fiery red, the richest, darkest red of any beet. The intensity of color is retained when cooked. Fireball is equally valuable for early frame work and for the open ground. It will give the best satisfaction to all gardeners. **Pkt. 10c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. $2.50.**

Asparagus or Yard Long Bean.





"Improved" Bush Lima.

New Pole Beans—"Green Mountain."

NEW POLE BEAN

"GREEN MOUNTAIN"

An old resident of the city who takes a great pride in his private garden, brought into our office for our inspection a small basketful of green pods of a bean which he has had in his possession for a number of years. Having only a small garden, he at first only grew what he considered would do for his own private use, but having in later years introduced them into several of our principal hotels, he had to increase his planting, but still only supplied a limited number of patrons, getting any price asked for them. We secured a small quantity from our friend, which we planted.

Note—Since the above was written our friend has passed to the Great Beyond, deeply regretted.

DESCRIPTION—The vine is a rapid grower; covered with luxuriant, broad, dark green leaves which denote unusual vigor and healthy constitution, enabling it to withstand severe changes.

The beautiful green pods are from eight to ten inches long, thick meated, brittle and stringless, never showing a bean or becoming tough until quite old.

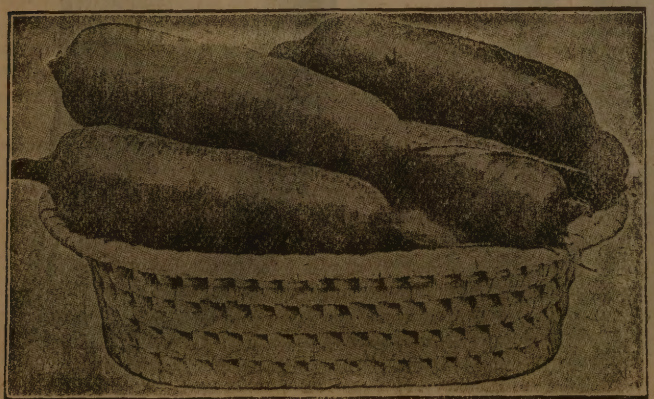
The vines are literally covered with pods, and a few vines will keep an ordinary family in green beans all season.

We are selling more pole beans every year, and we sell kinds that are really a success and will do well anywhere. Select rich, warm soil, and plant after the ground gets warm —say just after corn planting—in hills three feet apart each way. Put in several seeds, and when they come up, thin out to three in a hill. When they begin to vine, set your poles and tie them together at the top in fours—"Wigwam shape" —so they won't blow down. We had them this way in our test garden this summer and the underside of those arches were hung with masses of pods. You could stand under one of them and pick a market basket full. **Pkt. 15c, ½ lb. 50c.**

Cabbage

DANISH "ROUND RED"

This grand novelty is the third distinct variety of cabbage that we have introduced from Denmark. It produces round or ball-shaped heads of great solidity and intensely deep rich coloring. The plant is of strong, compact growth. The heads are perfectly round from 6 to 8 inches in diameter. The leaves composing the head are of an unusually deep purplish red; this rich coloring extends to the centre of the head, showing only a small portion of white when cutting across the veins and tissue. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type, as well as most desirable for the housewife in slicing for slaw, salads, etc. **Pkt. 10c, ½ oz. 40c, oz. 75c.**



CARROTS "Golden Rod"

Handsome Meltingly Tender and Sweet.. The Finest Early Table Variety Grown.

This Carrot, introduced by us, will prove one of the most universally popular varieties ever sent out. People who never liked carrots before are delighted with the melting tenderness and sweet mild flavor.

It is a half-long cylindrical Carrot, blunt pointed, with a small tap-root and small top. They run very uniform in shape and size, 6 to 7 inches long by 1½ inches through; clean skinned, smooth, easily pulled and keep well. The flesh is of fine texture, entirely devoid of stringiness, coarseness fine woody heart or core. The color of the flesh is the rich red-orange so attractive when served. "Golden Rod" excels all other half-long Carrots in earliness without being inferior to them in productiveness. (See cut.)

Price, 10c pkt,, oz. 30c, 2 ozs. 50c, ¼ lb. 85c.

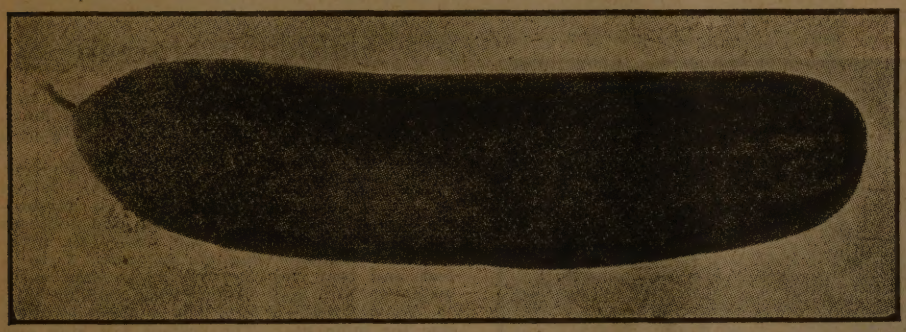
Big Boston Lettuce.

Big Boston Lettuce

A Grand Large Cabbage Lettuce for either midsummer or fall use. Big, Compact, Tender and Crisp, Creamy white Heads—This grand variety, introduced into cultivation several years ago, has proved to be most valuable, steadily gaining in popularity until it is now more extensively grown than any other kind of Lettuce, either for the private table or for sale. North, south, east or west; whether grown in the open ground for summer or f ll use, or in frames for spring, or forced cool in greenhouses for winter use, it invariably gives both grower and user the utmost satisfaction producing during all seasons, under ordinarily favorable conditions, splendid large buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white, delighting both the palate and the eye. This grand variety makes a handsome plant, with but few outside leaves, and stands long before bolting to seed. Although Big Boston is one of the best large-heading mid-summer Lettuces, it is also peculiarly adapted for cool open-ground culture. **Pkt. 10c, oz. 35c.**

Without Question the Preferable Variety FOR PICKLING, MARKET, TABLE AND FAMILY USE.

Danish Pickling CUCUMBER



Very valuable novelty, which is far superior to all others. Is a typical cucumber, hardy, and a bountiful producer.

On the Island of Amager (Denmark) a crop of 22,000 cucumbers were produced on one acre at a value of $700.00.

It has become a general favorite and is used almost exclusively by pickle factories throughout Denmark. The fruit is of medium size, wonderfully even in growth. Extra early and the whole crop can be depended upon to make fine shaped pickles. Color deep green, begins to set its fruit when quite young. You will find this variety valuable for slicing also, being of fine flavor, crisp and delicious. We control the entire stock of this variety for Canada for 1916. **Pkt. 10c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.25**

H. L. Colorado writes:—"I must say a few words of praise for your new cucumber. I planted four varieties, but your 'Pickling Cucumber' is the thriftiest, healthiest and fullest bearing of them all. Size and color are unsurpassed and for meatiness it cannot be beaten by any other."

NEW EARLY *CABBAGE*

COPENHAGEN MARKET

This superb new Cabbage created quite a sensation at the farm of the originator. It is undoubtedly without a rival as the finest large round-headed early cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—this being a great consideration to market gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting. The heads average about ten pounds each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed; the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Stock of seed (all grown in Denmark) is very limited. **Per pkt. 10c, ½ oz. 40c, oz. 75c, 2 ozs. $1.40, ¼ lb. $2.50, postpaid.**

Danish Winter Savoy Cabbage

THE BEST FLAVORED OF ALL CABBAGES.

This is the hardest-heading and best all-round Savoy. Plants are of strong growth, having only a moderate number of outer leaves growing closely about the large, solid, round heads. Heads beautifully blanched and of the finest flavor.

The Savoy Cabbages differ from all others in the peculiar crumpled character of the leaves. This is caused by a more rapid growth of the parts of the leaf between the veins, and as this is the tenderest part of the leaf, the reason for its good quality is apparent. This characteristic is maintained even in the younger leaves.

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost, and for this reason should be used only as a fall or early winter crop. In the latitude of London the best results are obtained from crops raised from seed sown in June. **Pkt. 10c, ½ oz. 25c, oz. 45c, 2 ozs. 85c.**

NEW SWEET CORN

Golden Evergreen

Kernels yellow as June Butter, sweet, tender and succulent; early; 7 to 9 inches long; kernels deep and pointed like the well-known Stowell's Evergreen.

This new variety is a decided improvement on the well-known and popular Golden Bantam, making a larger ear and surpassing that variety in its sweetness and delicious flavor. It is ready for the table just after Golden Bantam. The stalks grow 5 to 7 feet and bear two to four large ears each, which vary in size, being rather smaller than the Stowell's Evergreen, but a most desirable size for table use. The kernels are long and pointed and are borne on a slender cob in irregular rows. In its green state the kernels are light yellow, but they cook to a bright golden yellow. The flavor of the Golden Evergreen is rich, nut-like and delicious, which, together with its productiveness and early maturity is bound to make it one of the most popular sugar corns in cultivation. Price, **pkt. 10c, ¼ lb. 25c, lb. 45c, postpaid.** Not offered in Canada by any other seedmen. Stock limited.

SQUASH

Improved Bay State

The original Bay State Squash was given to the public by Mr. Aaron Low, Massachusetts, some time between 1880 and 1888. At that time in size it was a little smaller than the old Essex Hybrid and was rather a shy cropper, but in the years intervening it has been gradually improved in size, quality and productiveness. Mr. Purrington, a commission merchant, a short time ago informed us that one of his customers raised 15 tons per acre the past season. The color is bluish green; turban-shape. It has a thick shell and is very thick meated, dry, fine grained and quite sweet, a splendid squash for late fall use. The cut was made from a photograph of a squash grown on our own trial grounds. **Pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

New Onion—Cranston's Excelsior

ONIONS

CRANSTON'S EXCELSIOR

AN EXCELLENT EXHIBITION ONION OF VERY LARGE SIZE

This mammoth onion is grown in England, where it originated, almost to the exclusion of all other sorts owing to its immense size, its handsome oval appearance, and its pungent but sweet and mild flavor. It is an excellent keeper for a large onion, a heavy yielder and grown for exhibition purposes perhaps more than any other variety. Its attractive pale straw color, its productiveness and large size make it a most desirable sort either for market or the home garden and bids fair to quickly rival in this country the popularity it now enjoys in England. To secure the largest onions, seed should be sown in a hot bed in the early spring and transplanted later to the open ground. **Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. $1.50. lb. $5.50, postpaid.**

Chilian Jumbo Squash

WEIGHT 200 POUNDS OR MORE—VERY PRODUCTIVE—IMMENSELY PROFITABLE.

Attains an enormous size, often reaching a weight of 200 pounds, and not infrequently weighs 300 pounds, and even more. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. From the illustrations you will note its uniformly large size. We deem it the most profitable crop to grow. They can be used almost entirely for feeding cows and swine. For feeding the cows, it is best to cut them up, mixing with ground feed. As the yield an acre will run from 8 to 15 tons, it will thus produce a very cheap and nutritious feed. In feeding to swine, all that is necessary is to break the squashes open and they will help themselves.

Note—Full instructions for growing large Squashes and Pumpkins with each order for one package or more.

Pkt. 10c, oz. 35c, 2 ozs. 60c, ¼ lb. $1.00.

Garden Huckleberry.

Garden Huckleberry

A HEAVY-YIELDING GARDEN BERRY.

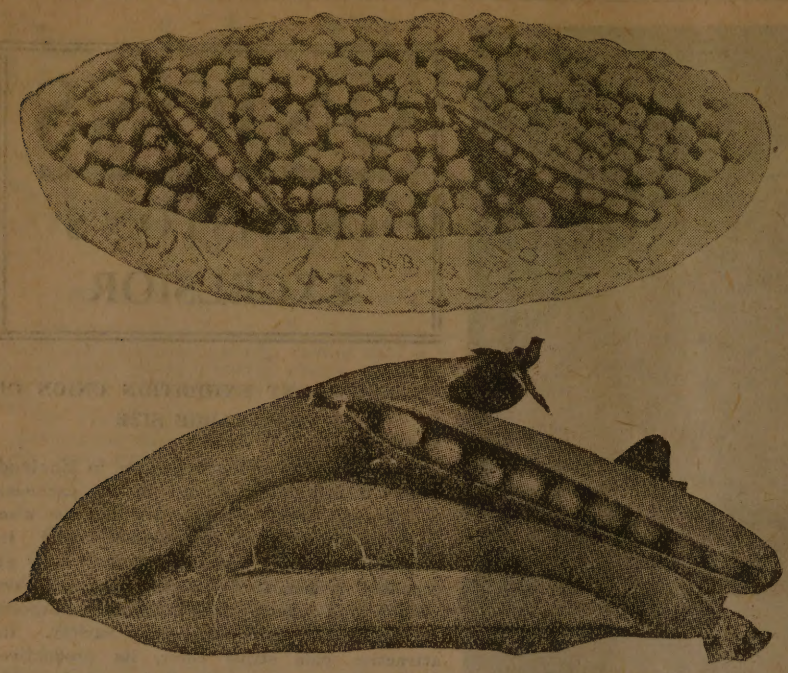
This fruit can be grown from seed the first year and produces berries about as large as an average size gooseberry. The color is jet black and, when cooked, is as palatable, and can scarcely be discerned in taste from the real huckleberry. Plant seed in a box or pan in early spring, and when danger of frost is over, plant out 2x4 feet. Cultivate same as tomatoes. **Do not eat green.**

Berries make better pies, jelly and sauce than the wild huckleberries. For winter use, take up the vines just before frost, store away where they will not freeze, and delicious fresh fruit can be picked all winter, as they will keep nice for months. A most promising new vegetable in climates where ordinary small fruits do not do well. **Pkt. 10c.** (Seed very small).

Directions for Cooking Garden Huckleberry.

To one pint of fruit, add two cups sugar, one quart of water and season with cloves to taste. Be sure and pound into a pulp before boiling.

FULL DIRECTIONS FOR COOKING GARDEN HUCKLEBERRY WILL BE SENT WITH EACH PACKAGE.



PROLIFIC EARLY MARKET PEAS

For length of pod, number of Peas in a pod and number of pods to a vine, this is a wonder. It is one of the smooth-seeded, extra-early varieties which can be sown the first thing in the spring, and for the type of Pea the quality is all that can be desired. It's a bonanza for market gardeners.

The introducers, Messrs. N. B. Keeney & Son, prominent New York pea growers, thus speak of it: "Several years ago the writer selected a very productive plant of an extra early pea, having an exceptionally long pod. From this was produced what we call Prolific Early Market. Our tests of this pea showed it to blossom two days later than our earliest and best strain of Extra Early, and in the development of pods suitable for picking, 3 or 4 days behind; but of remarkable productiveness, giving a yield of 30 to 50 per cent. more pods than any other strain of extra earlies we know of." A desirable extra early sort for home or market gardeners. **Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 65c. By express or freight**

BRIGHTEST CRIMSON GLOBE ONION

Our attention was first called to Brightest Crimson Globe Onion two years ago by one of our market gardener friends who had been growing and improving this onion for the past 20 years. We have been watching it on our trial grounds for two years, where it has done so well it gives us pleasure to offer it to our customers this season for the first time.

Brightest Crimson Globe is a very hardy, vigorous grower, producing perfect globe-shaped onions of a bright crimson color. Its long keeping qualities make it an A No. 1 shipping variety. The white flesh is fine grained and of mild flavor. Our stock is limited, so we advise early orders. **Pkt. 10c, oz. 75c. Stock limited.**

NEW GOLDEN SWEET WATER-MELON

GOLDEN YELLOW FLESHED, SWEET, CRISP AND DELICIOUS

The most important novelty in the way of a watermelon that has been introduced in years. A new melon with yellow flesh that fairly melts in the mouth, and which for its fine sugary, juicy and delicious flavor cannot be surpassed by any red flesh melon on the market; medium size, and a perfect sort for home use. The rind is thin but hard, and the color of flesh a golden yellow, solid, crisp, smooth, of delightful aroma, and with but few seeds. For table use its contrast with the red flesh varieties will create a heavy demand for it; and this, with its tempting, melting flavor, will make it one of the most popular watermelons on the market for the home gardener. Owing to it being a shy seeder, our stock is limited this year, so advise prompt orders. **Pkt. 10c, ½ oz. 30c, oz. 50c.**

TOMATO

New Earlibell

THIS TOMATO HAS PROVEN ITSELF EARLIER THAN SPARK'S EARLIANA OR ANY OTHER TOMATO.

Earlibell is Earlier than any other sort without exception. In a comparative test with Earliana, seeds sown at same time and plants set out at the same time, the Earlibell gave ripe fruit 5 days sooner. Earlibell is surprisingly productive. We have seen clusters containing 20 full-size fruits. This variety is remarkable in this respect Earlibell is perfectly smooth from beginning to end of season. No variety is more uniform in shape, and all the tomatoes on a cluster ripen at once and are all about the same size. Its color is a beautiful, deep glossy scarlet, which makes the fruits very attractive when exposed for sale.

The table quality is unsurpassed, and with fewer seeds than the other early varieties. Its flavor is all that can be desired. The fruits ripen uniformly all over; stem end coloring up perfectly. **Pkt. 10c, ½ oz. 25c, oz. 45c, 2 ozs. 75c, ¼ lb. $1.25.**

"I am a critical grower of tomatoes and have carefully tested every new early variety that has been offered by the various seedsmen and I find your Earlibell leads them all."

G. W. JACK.

LEMON CUCUMBER

A NEW AND ENTIRELY DISTINCT TYPE, TENDER, SWEET, CRISP.

Many of the seedsmen of Europe who have tested its good qualities are offering it. If you are fond of cucumbers and want one that will almost melt in the mouth, try our new lemon.

Our illustration is a good representation of the fruits. They are nearly round, with the yellow and green markings and smooth skin of the lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other cucumbers. For slicing they excel; for pickling, ripe or green, one of the best and most attractive on account of their quaint form. They can also be used for Mangoes, the same as small melons. They may be served green or just as they are turning yellow. Size from two and a half to three inches in diameter; just right for one portion. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

New Winter Radish Japanese Colossal

Every radish grower should plant some of this great variety. It is oval shaped, flesh and skin pure white, and grows to immense size, specimens weighing from 12 to 15 pounds having been grown. In spite of its large size, it retains the delightful crispness of the smaller sorts, and is one of the most valuable imported varieties ever brought to this country; excellent keeper. This fine radish should be sown about the first of July, or a little later in good soil. It should be thinned to stand six or seven inches apart in the row, so as to allow for full development. It will be ready to pull in early autumn. **Pkt. 10c, oz. 30c, 2 ozs. 50c.**

MONTE CRISTO WATER MELON

The World's One Unbeatable Water Melon—The Sweetest flavored Melon Known. The Best Variety for the Table—for Shipping and Long Keeping.

The greatest yielder. The sweetest, juiciest, crispest and most solid Melon ever produced, never having a hollow or pithy centre when ripe. The easiest to sell on the market, for when once tried, people will have no other. Will you not try it this year? It is a grand, good shipper, has a firm, solid rind, not too thick, yet will stand the most severe handling. The outside skin is of a rich, dark green color, shaded with faint stripes of a somewhat lighter color. Certainly the finest appearing Melon ever grown for market, shipping or table purposes. While our supply of seed is fairly large, we would advise all who care to plant this "King of all Melons" in 1916 to place their orders as early as possible. **Please remember that we control the entire product of this variety, so send to us for choicest stock seed of Monte Cristo Melon.** The price is within the reach of all. **Pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 65c, ½ lb. $1.25, lb. $2.00.**

Pollock's Solid Rock Musk Melon

Wonderful shipper. A green fleshed variety of the most exquisite quality.. The handsomest, best netted and most profitable early melon in existence for market gardeners and shippers.. The finest rust resisting melon on the market.

(Green flesh.) It gives us much pleasure to be able to offer to our customers this grand early solid net strain of Rocky Ford. It has the heaviest, thickest flesh and the smallest seed cavity of all the Rocky Ford Musk Melons. The illustration is a reproduction of a photograph. Its oval shape is the same as the Rocky Ford with a solid white netting. The average yield per acre of A No. 1 shipping melons is fully a third more than other sorts. The extra thick green flesh has a beautiful pinkish hue of the most delicious quality, and is one of the best rust resisting melons ever produced. It is a wonderful producer and a profitable market sort; a remarkably fine shipper. Our seed is direct from headquarters, grown in Rocky Ford, Colorado. **Pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

The New Bush Musk Melon

(Green flesh.) In many years we have not introduced to our customers a novelty of such importance as this—a "vineless" musk melon. Its bush habit—which in itself is a wonderful tribute to the science of plant breeding—enables this melon to be grown in the small garden where the vine sorts could not be grown because of lack of room. The plants of this new melon grow from 15 to 18 inches in length and two to three plants can be grown in a hill 2½ to 3 feet apart. That this melon will yield per acre practically twice the crop of the vine sorts is shown by the figures that an average of but five fruits to the hill and 4840 hills to the acre this melon will produce 24,200 fruits per acre, whereas from the vine melons with seven fruits to the hill, the yield would be but 12,194. Furthermore, in the quality of fruit this new melon is extra fine. The flesh is deep, of luscious sweetness, eatable almost to the rind and of light green color tinged with salmon as it approaches the centre. The fruit is of the "Jenny Lind" type but larger, varying in shape from a trifle flattened at the ends to almost spherical. Deeply netted, with shallow ribs. We predict an unusually heavy demand for this grand musk melon, and we advise early orders. **Pkt. 10c, oz. 35c, 2 ozs. 60c.**

Ask Us To Send You the Collection of New Varieties of Vegetables on Back of Cover.

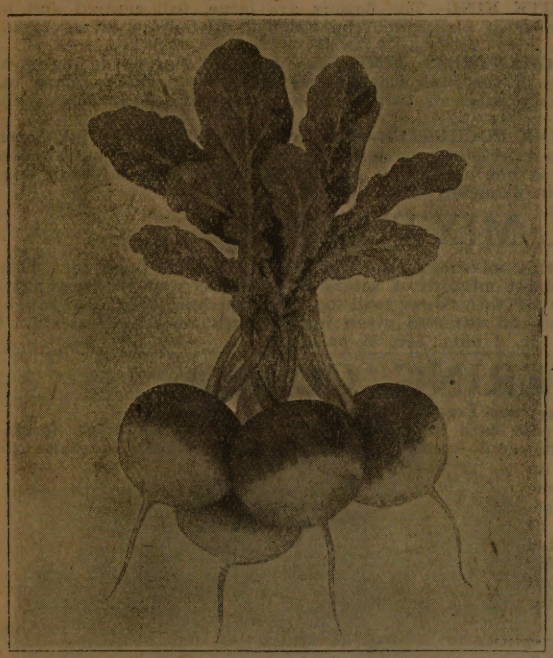
ALL SEASONS RADISH MIXTURE

Contains all shades and shapes—red, white, pink and variegated; round, half-long and long, in great variety. It is "all-the-go" for small gardens where space is limited and you want to make a garden and be done with it. One sowing does for the whole season, as they become ready for the table early, medium and late. **You always have some that are just right—sweet, juicy, delicious, crisp.** You will be surprised and delighted with our popular radish mixture. **Your garden this season will not be complete without a bed of these crisp little table delicacies. Large pkt. 10c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.00.**

GROUND CHERRY

YELLOW IMPROVED

Another year adds to our faith in this popular little fruit, and as a fruit for the table, it cannot be excelled. It is a great improvement on the wild ground cherry. They grow well on almost any dry soil, are easier raised than the tomato, and are prolific bearers. For sauce they are excellent, and for pies nothing can equal them for taste and flavor. They are delicious as preserves; and when dried in sugar are much better than raisins for cakes and puddings. No one after raising them once will ever make a garden again without devoting a small portion at least to the ground cherry. **Pkt. 10c.** (Seed very small.)



If all the Ground Cherries are not gathered before frost, pull up the vine; hang it in frost-proof cellar for winter use. Full directions for preserving, etc., sent with purchase.

RADISH---DELIGHT

The quickest of all. Matures in 18 days. Very attractive appearance. Beautiful carmine scarlet with white tip. Flesh purest white. Crisp and sweet.

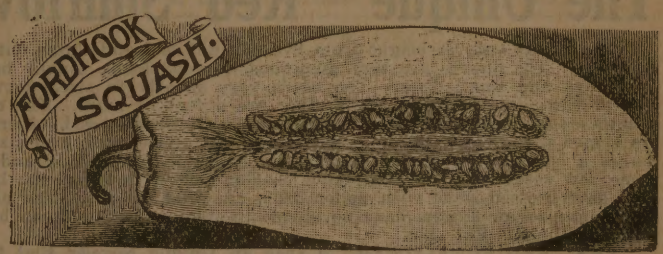
White-Tipped Radishes are justly popular by reason of their attractive appearance, but the varieties already in existence are either too dull in the ground color or lack a clearly defined white tip.

A quite distinct variety, fulfilling every requirement in a radish in each respect, the color being a rich carmine scarlet with a very pronounced tip of the purest white.

The roots, even when fully developed, are solid, crisp and sweet, and remain fit for use as long as the coarser kinds.

It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small, as shown in the accompanying photograph, they are sufficiently large for bunching. **Pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 60c, lb. $2.00.**

BURPEE'S BUSH FORDHOOK SQUASH—Being of "bush growth," the plants can be grown close together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. Fruits oblong in form, 8 to 10 inches in length, slightly ridged; smooth, thin, yellowish skin; flesh very thick and of a light straw-yellow. If gathered young for cooking, no other Squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the quality is unsurpassed. **Per pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**



1916

1916

THE WORLD'S BEST ASTERS

Aster—New Crego.

NEW CREGO—This new variety surpasses, in size and beauty, any other aster we have ever seen. The plant is well branched, grows about two feet high, and produces many long flower stems, which make this sort a very profitable one for the gardener or florist. The flowers are as fine as chrysanthemums, seldom measuring less than six inches across; of beautiful form, double, with long, fluffy, gracefully curled petals.

479...Shell pink, beautiful shade. **Pkt. 15c.**

489. Snow White, large, pure white. **Pkt. 15c.**

481. Mixed colors, pink, white. **Pkt. 15c.**

NEW ASTERMUM—A beautiful new class of the Comet type, producing many flower stems which grow directly from the parent stem close to the ground, which habit makes it conspicuous and a valuable border, bedding or pot plant, attaining a height of 18 to 24 inches. The flowers are large, with long gracefully curled petals. Unrivaled for table decorations, and particularly appreciated as cut flowers.

482. Mixed colors, pink and white. **Pkt. 15c.**

447. **VICK'S AUTUMN GLORY**—Prolongs the aster season two weeks and coming at a time when good flowers are extremely scarce. The flowers are very double, and are borne on stems of unusual length. **Pkt. 25c.**

450. **VICK'S PINK KING**—The plants are very tall and crowned with massive flowers, quite unlike any other type in cultivation. Their immense size and peculiar form make them strikingly handsome and distinct. **Pkt. 20c.**

432. **VICK'S WHITE KING**—The flowers are large, full centred and pure white. From any number of plants one can cut 6 to 12 flowers, stems 14 to 20 inches long. **Pkt. 25c.**

433. **VICK'S ENCHANTRESS PINK**—The beautiful large, double flowers have the delicate shade of the Pink Enchantress Carnation. Unlike many other Pink Asters, this variety holds its soft, delicate color for a long time without fading. **Pkt. 25c.**

376. **MIKADO PINK ROCHESTER—The Premier of Lavender Pink Asters**—Makes the fluffiest aster we have ever seen. In color it is a most exquisite shade of lavender pink. It is not uncommon to find one plant with a dozen flowers from 4½ to 6 inches in diameter. **Pkt. 25c.**

D. & H's IMPERIAL MIXTURE

434...This is a mixture of the most beautiful, striking and distinct colors, selected from the cream of the Truffaut's, Victoria, Crown, Giant Comet, Hohenzollern, Chrysanthemum-flowered, Ostrich Plume, Branching Paeony Flowered, and other desirable sorts, and include many kinds especially purchased for this mixture; also the kinds listed on page 18. This is the finest mixture of asters in existence, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly unexcelled strain. **Per pkt. 15c, 2 pkts. 25c, ⅛ oz. $1.00.**

EARLY GIANT FLOWERING COSMOS

For Illustration of This Beautiful Flower, See Front Cover.

471. In this strain, which has been selected and re-selected with great care and labor, will be found the finest forms of cosmos thus far developed. It is a noble mixture or collection of large-flowered forms, embracing all colors, such as white, pink, crimson, white tinted rose, etc. The great flowers, borne in abundance on long and graceful stems, are sometimes 6 or more inches across. Some blooms are nearly flat and cone-shaped, with petals variously cut and fringed. Certain of the fringed forms resemble California poppies, with broad petals of great elegance and beauty. This magnificent type of cosmos may be started very early under glass or in the window box, thus giving it a long season for full development. Seeds sown out of doors in early spring produce plants that will bloom in early autumn, and the gorgeous flowers will continue long after the advent of frosts. **Pkt. 10c.**

The Unique "Red Sunflower"

The plants vary in height from five to eight feet and throw out many side branches. The flowers are very numerous, of good form, usually having large long rays and small discs. The heads vary greatly in size,—some are only two or three inches across, while other are a foot or more. The color varies greatly,—some plants produce flowers of a rich chestnut-red, others red flowers tipped with yellow, others washed with red. This variety in size and color makes a hedge or border of this annual especially interesting and attractive. Some few seeds will produce plants bearing yellow flowers,—the bees, doubtless, have crossed some with pollen from the wild yellows. The plants likely to produce yellow flowers have no purple in stem or leaf and can be destroyed when seedlings. **Pkt. 10c.**

THE "RED SUNFLOWER" is such an Unique Novelty that the English introducers were justified in charging 1s. 6d. and 2s. 6d. per packet last year.

For Varieties and Colors There Is No Mixture To Be Compared to D. & H.'s Imperial Mixture of Asters.

Japanese Kudzu Vine

"KUDZU."

A Rare and Useful Japanese Vine.

Hardy Perennial Climber
JACK AND THE BEAN STALK

465. An ornamental and rapid growing climber. Experience abundantly proves the Kudzu Vine to be a highly interesting novelty. It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like wistaria, but larger in size and with better clusters. The color is of a pleasing shade of purple, foliage is luxuriant, somewhat like the leaf of a bean. The vine is rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. An eminent horticulturist and prominent landscape designer has it growing over the front of his house, and pronounces it a veritable "Jack and the Bean Stalk" vine. It is perfectly hardy, increasing in size and beauty year after year; fine for arbors, verandahs, etc. **Pkt. 10c.**

BURBANK'S ORNAMENTAL "RAINBOW CORN"

459. The stalks, including tassel, grow to five and a half feet tall, and are clothed with many variously variegated leaves three inches wide and two feet long. The leaves (both on main stalks and suckers) are all superbly striped with broad bands of crimson, yellow, rose, white and bronze. The small hardy seed can be planted early, and, as it does not ripen until very late, the plants present their rich tropical beauty for a long season. It is the result of long-continued, painstaking care on the part of Luther Burbank, who says of it: "Beautiful as the most beautiful Dracaenas. This has been on exhibition by the California Development Board during the past season and has been the admiration of everybody. Nothing like it for decorative purposes, either for garden or for cutting." It is as easily grown as common field corn. Per pkt. 10c, ½ oz. 20c, per oz. (about 300 seeds), 35c.

Clematis Paniculata

HARDY PERENNIAL CLIMBER

460. Virgin's Bower—Beautiful hardy perennial climbers of the greatest utility for verandah, trellis, post or tree adornment. Grows easily from seed; the vine attaining a height of 20 to 30 feet and never troubled by insects; bears a dense mass of small, star-like white, fragrant flowers. Thrives in sunshine or shade. **Pkt. 10c.**

Giant African Daisy

NEW HYBRIDS, MIXED.

458. No painter's brush can picture, nor could any pen properly describe, the amazing beauty of these wonderful new African Daisy Hybrids. The world owes a debt of gratitude to Mr. Carl Schmidt, of Prussia, who had the knowledge and skill to "create" them—the crowning achievement of half a century in seed growing. In habit, growth and foliage, as well as height of plants (twelve to fifteen inches), and the size of the flowers (two and one-half to two and three-quarter inches across), these New Hybrids are like the parent Dimorphotheca Aurantiaca. They range in color from the purest white to red and bluish-white tints, sulphur, lemon and bright golden-yellow, golden-orange, reddish-yellow, changing to light salmon-rose, superb shades of salmon, very light to deep orange-salmon. There are also varieties with different colored zone, such as white with a broad sulphur-yellow zone around the black disc, and soft salmon with deep salmon-red inner circle. These zoned flowers enhance the beauty and varied aspect of these remarkable New Hybrids. **Pkt. 10c.**

Giant Flowered Heliotrope

HALF HARDY PERENNIAL

466...The flowers are borne in graceful clusters and are very fragrant; blooms the whole season. It grows quickly and easily from seed, doing best in a rich soil. One of the best strains known among heliotropes, bearing flowers of immense size and of richest beauty and fragrance. The colors range through all the shades of blue, from violet to indigo. The great trusses or floral heads are sometimes a foot across, and are magnificent in appearance. The plants grow about 2 feet high, and the foliage is peculiarly rich, glossy and attractive. In wide favor, both for open air culture and for window gardening. This strain has become immensely popular. **Pkt. 15c.**

BEAUTY STOCKS

472. "Beauty Stocks" is an appropriate name for this comparatively new and magnificent race which is bounding into popularity wherever grown or exhibited in Europe and America. The plants are of fine symmetrical habit, bushy and in flower stands about 1½ to 2 feet in height. The numerous side branches each carry a tall strong spike well furnished with unusually large and very double deliciously clover-scented flowers. Among the merits of "Beauty" Stocks is their adaptability to many cultural conditions and their decorative effectiveness, whether grown in flower beds, garden borders or as potted specimens. They do not flower as quickly from seed sowing as Ten-Week Stocks, the "Beauties" requiring from 12 to 15 weeks, but after they commence blooming, their long-continued profusion is phenominal. Seeds started early in the spring and the seedlings transplanted in the garden in May will begin flowering in July and continue to bloom until frozen. Late sown plants, if carefully lifted and potted in the fall, will continue to flower beautifully in window garden or conservatory during the winter, though when grown especially for winter flowering—for which "Beauty" Stock are peculiarly adaptable—it is better to sow the seed in July or August. As cut flowers, "Beauty" stocks are unsurpassable, their splendid trusses of bloom lend themselves to table and other floral decorations. The fragrant flowers are of lasting substance and their refined colorings light up well under artificial light. (See cut.) **Pkt. 15c.**

DOLICHOS—Hyacinth Bean

Of extra rapid growth; makes a dense attractive screen. The new "Darkness' and "Daylight," introduced by us from Japan, are incomparably superior to the old "Lablab" varieties, previously in cultivation.'

"DARKNESS"

469. Both stem and under side of leaves purplish red. Numerous long spikes of pea-like flowers, deep reddish violet, followed by beautiful seed-pods; they bloom early and freely. **Pkt. 10c.**

"DAYLIGHT"

470. The vines grow quickly to a height of 8 to 10 feet, and blossom profusely from base to summit, the large spikes of pure white flowers standing out boldly from the rich green foliage. As the flowers drop from the large spikes they are succeeded by broad, velvety, showy white pods which retain their purity and freshness of color a long time. **Pkt. 10c.**

Large Single China Asters

461...Single flowers are coming much in vogue among people of aesthetic tastes and those influenced by fashion's decree; beautiful but simple. This change of front from double

to single has created a demand for long-stemmed, large single, China Asters, which are of unsurpassed decorative effect when cut and vased. These Asters, of strong, healthy growth, are profuse bloomers and are also showy garden plants. (See cut.) **Pkt. 10c.**

Morning Glory

463. Giant Mikado Mixed—The flowers are of gigantic size, and the coloring and markings beyond description, ranging from snow-white to black - purple with all the possible intermediate shades. Others are edged with white, having throats of one of the above colors; there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. They are beyond question the largest and most beautiful of this handsome family of easy grown climbers, and are the Orient's best gift to flower lovers. Wherever climbers can be grown, our New Giant Mikado Strain should have a prominent place. The seed we offer is of our own importation direct from Japan. **Pkt. 10c.**

Colossal Red Mignonette

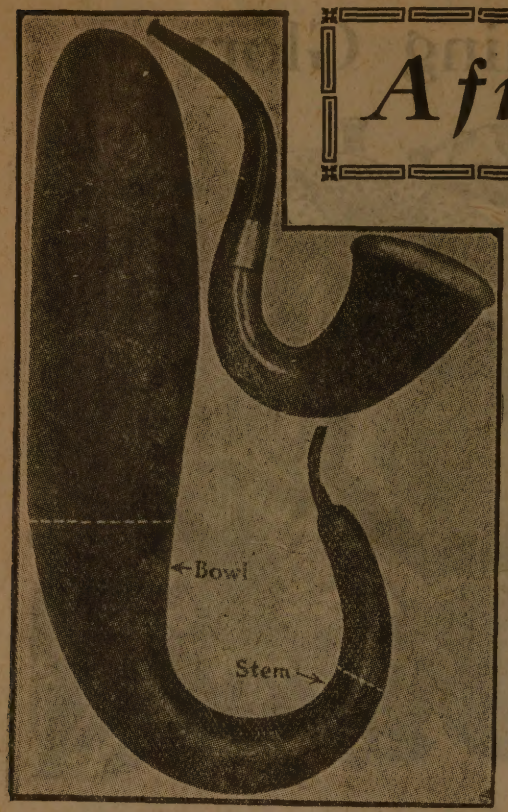
474. One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets measuring ½ inch across and packed full, even in the centre, with anthers, or three times as many as the older Mignonettes contain; consequently this variety is correctly called a double Mignonette. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant red, effectively contrasted against the healthy, rich, green foliage. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for from 8 to 10 days in water. (See cut.) **Pkt. 10c.**

Good Venture Geranium

384. A strain of seed saved from grand new Hybrids all greatly enlarged and improved. The flowers are extra large, round, of the most perfect form, borne on splendid trusses, some of them forming balls 16 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, creamed veined pink, blush, snowy white, and all of the new aureole types with lovely rings and white large eyes. These all stand the hot sun. Although perennials, they will produce nice bushy plants and flower from seeds sown the same season. The gorgeous flowers, borne continuously, render these most popular plants for pot culture in winter or for bedding out in summer; 12 to 18 inches high. **Pkt. 15c.**

Lobelia "Sapphire"

464. This variety is of remarkably strong growth, and has been named Sapphire, as the flowers show the wonderful deep blue of this gem. In addition, a large and clearly defined pure white eye occupying quite one-third of the corolla makes this splendid color extremely effective. The blossoms are unusually large for a Lobelia, they measure about three-quarters of an inch across, and are thickly set on the long graceful sprays of foliage, which often attain a length of two feet. A well-grown plant of Lobelia Sapphire, all covered with these lovely blue oculate flowers makes a splendid sight, and nothing can surpass it as an ornament for balconies and flower-stands. **Pkt. 25c.**



African Pipe Gourd

473. A luxuriant, rapid-growing annual climber, adaptable to all purposes for which climbing plants are used; and besides, it produces the Ornamental Gourds from which are made the African Calabash pipes, now so popular on account of their lightness, grace and meerschaum coloring qualities. When grown for the production of pipe Gourds, the vines are usually allowed to grow on the ground like Cucumbers, Pumpkins, etc., so that the fruits, in place of hanging down and growing straight, will take their natural pipe curve; though if grown on trellis, the Gourds may be shaped by tying up with cheese cloth or by using perforated boards with pegs. Directions for growing, curing and making pipes from these Gourds are sent with every package of seed. (See cut.) **Pkt. 10c.**

SEND US YOUR ORDER EARLY

Scarlet Dragoon Salvia

468. A most magnificent summer and autumn flowering bedding plant. The old Salvia Splendens, or Scarlet Sage, has long been a favorite, and our customers can partially appreciate the superiority of this new variety when we state that the flowers are nearly double the size, closely crowding the immense spikes that often measure six inches across. Full-grown plants in bloom form compact bushes three feet through by three feet high, and bloom from ground to summit. We know of nothing than can equal the gorgeous effect of a row or bed of these Salvias when in full bloom; the waving masses of glistening scarlet against green surroundings of lawn or foliage is matchless. (See cut.) **Pkt. 15c.**

SANDEREAE HYBRIDS MIXED

NICOTIANA

467. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching bushy habit, 2 to 3 feet high, carry the flowers in clusters, the whole being literally ablaze with them, thousands being borne on a single plant during the season; the glorious effect in the garden is unsurpassable. The plant and flowers are similar in habit and form to those of the popular, white-flowering, fragrant N. Affinis, but the flowers of these new hybrids are much larger, measuring from 1½ to 2 inches across, and very fragrant. Colors, purple, white, dark red, light red, salmon, crimson, violet, rose and pink. (See cut.) **Pkt. 10c.**

BABY'S BREATH

475. The flowers are small, star-like and borne in feathery sprays which are highly esteemed for cut flowers, as they lend a most graceful effect when combined in bouquets with Sweet Peas. Successive plantings of seed should be made a few weeks apart to furnish a continuous supply of flowers. **Pkt. 10c.**

JUBILEE PHLOX

THE MOST BEAUTIFUL RACE OF PHLOX DRUMMONDII.

476. Grand acquisitions, forming sturdy little bushes only eight inches high, producing masses of bloom from ground to summit. The flowers, borne in immense trusses, are unusually large and of superior substance. For bedding this is a most brilliantly effective annual type. Will form a floral picture of incomparable richness of coloring. They are of easy culture—amply repaying generous treatment—succeeding in all sunny positions, beginning to bloom in early summer from spring-sown seed and continuing until close to autumn. (See cut.) **Pkt. 10c.**

CHINESE WISTARIA

477. A very rapid grower, and one of the most beautiful of all climbers. It is perfectly hardy, climbing to a height of fifty feet; when covered with bloom it is magnificent. Desirable for trellises, porches, etc. When well established it blooms perfectly. The light purple or white flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy. **Pkt. 10c.**

Giant Orchid-Flowering Sweet Peas

In this we have a new class of Sweet Peas which has attracted great attention for the last two or three years. Flowers of enormous size, with both standard and wings waved, fluted and crumpled, while the flowers are so loosely and gracefully set on the stems that they at once show their superiority to the other kinds. Plants healthy and vigorous and produce these strong-stemmed flowers of great substance. The perfect formed blooms often measure two inches across.

486. VERMILLION BRILLIANT—"The most brilliant, irridescent scarlet Spencer yet produced." Bearing on stout stems, twelve to fifteen inches in length, three and four artistically placed flowers; well waved and fluted, of large size, beautifully rounded. The wings are of the same intense pure scarlet, making a uniform self-color throughout and entirely sunproof. **Pkt. 15c.**

JUBILEE PHLOX
THE MOST BEAUTIFUL
RACE OF
PHLOX DRUMMONDII

416. ETTA DYKE—Pure white flowers of truly gigantic size; crinkled and fluted. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

487. WEDGWOOD—Wedgwood is a unique shade of lovely light blue. The flowers are well waved in both standard and wings. Wedgwood is a color long sought for in Sweet Peas and has been eagerly welcomed by lovers of this beautiful annual. **Pkt. 15c.**

488. ELFRIDA PEARSON—The flowers are of extra large size. The vines bloom in wonderful profusion. The color is a lovely pink throughout, the buds and flowers being tinted with salmon-pink. Certificate of Merit from the Royal Horticultural Society. **Pkt. 15c.**

451. WHITE KING—A perfect white Spencer Sweet Pea; immeasurably superior in form, size and substance to all others of this color. Vigorous grower, and gives a large proportion of four-flowered sprays. **Pkt. 15c.**

452. ARTHUR GREEN—Maroon or deep claret color. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

453. DAINTY—A most beautiful pink-eyed variety; the ground color is pure white with a very distinct margin of rose-pink. **Price, pkt. 10c, ½ oz. 25c, oz. 40c.**

455. FLORENCE NIGHTINGALE—Pronouncedly waved; frequently measuring two inches across; most charmingly soft, clear, rich lavender. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

484. JOHN INGRAM—Rich, rose-red, veined with a deeper shade. **Pkt. 10c, ½ oz. 25c, 1 oz. 40c.**

456. MARIE CORELLI—A pure, rich rose-crimson, clear, distinct and most beautiful. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

457. W. R. HUTCHINS—The fully expanded flower has the appearance of light apricot, distinctly lemon at the throat. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

413. KING EDWARD—Enormous flowers; wings of carmine-scarlet, reverse side a deep, rosy carmine. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

414. COUNTESS—The color is a soft rose-pink; color simply exquisite. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

415. OTHELLO—Will appeal to those having a preference for the darker colors. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

417. FLORENCE MORSE—This might be described as a light pink-edged; extremely large. **Pkt. 10c, ½ oz. 25c. oz. 40c.**

418. GEORGE HERBERT—The flowers are the largest size; a bright, rosy carmine. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

419. ASTA OHN—The first lavender of the true Spencer type, of large size. **Pkt. 10c. ½ oz. 25c, oz. 40c.**

422. PRINCE OF AUSTURIAS—Makes a most effective bunch in bouquets; flowers deep, burnished purple-maroon, and the wings rosy purple. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

423. MRS. A. IRELAND—Bright rose pink, creamy base; most pleasing ever sent out. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

425. PRIMROSE—The color is primrose throughout both standard and wings. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

426. MRS. C. W. BREADMORE—Distinctly pink-edged upon a cream ground. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

427. PARADISE IVORY—Color deep primrose, lightly suffused with rose or pink. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

428. LOVELY—Both standard and wings a soft pink and blush. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

429. HELEN LEWIS—Of an intense rich crimson-rose; truly of a gigantic size. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

430. O. J. DEAL—Color pure white, with a very distinct margin of rose pink. The general effect is light and dainty. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

431. GEORGE STARK—Deep, rich scarlet of an intense brilliancy. **Pkt. 10c, ½ oz. 25c, oz. 40c.**

SPENCER MIXTURE SWEET PEAS

420. This mixture, like all mixtures offered by us, is made from separate sorts of the best Spencer Peas, including about 25 of the best varieties. It is not to be compared to so-called "Spencer Mixtures" which are not compounded from the varieties grown separately and in the right proportion of shades and colors. **Pkt. 10c, oz. 30c, 2 ozs. 50c, ¼ lb. 75c, lb. $2.50.**

SELECT LIST of FLOWER SEEDS

ABBREVIATIONS—H.A., Hardy Annual, flowering the first year; H.H.A., Half Hardy Annual, flowering the first year; P. Perennial, or those that do not flower until the second year; H.H.P., Half Hardy Perennial; B., Biennial, or those that live and generally bloom two years; Tra., Trailing Plants; Ht., Height; Pkt. Packet.

FAILURES—Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants, and we urge every purchaser of our seeds to study carefully the cultural directions printed on each packet, and keep in mind the following golden rules for sowing flower seeds: Make the surface as fine and smooth as possible. Do not plant any of the seeds when the ground is at all wet. Cover each lot of seeds to a uniform depth, which should never be more than three or four times the diameter of the seeds. Press the soil firmly over the seeds. Plant in rows, so that the young plants can be easily seen, and pull up all the weeds which spring up between the rows the day they appear, but do not pull plants out of the row until you are sure they are weeds.

ABRONIA

Trailing plants with Verbena-like flowers. May be trained to stick or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant and in bloom a long time. Transplant to one foot apart. Rosy lilac flowers. Half-hardy annual.

1...Umbellata .....Pkt. 10c

ABUTILON

Flowering Maple or Chinese Bell Flower — Universally admired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early; seed should be started in the house and the young plants set out in the garden, but not until the weather is warm and settled. They bloom freely in winter in the house. H.H.P.

2. Fine Mixed .....Pkt 10c

AGROSTEMMA

The plant is branching, rather dwarf, and pretty for edgings. Sometimes called "Mullein Pink." Flowers the first season from seed sown in the spring, and can be increased by dividing the larger roots. In bloom during June and July. 1 to 2 feet apart. H. P.

3. Fine Mixed .....Pkt 5c

AGERATUM

Valuable for the large beds or borders and very useful where cut flowers are in demand; blooms the whole summer; also

good for winter blooming; of easy culture, succeeding in any soil.

4. Little Dorrit — Flowers pure white, height 9 inches.....Pkt. 10c
5. Dwarf Blue — Fine color; dwarf habit; height 9 inches .....Pkt 5c
6. Fine Mixed — A great variety of color, height ¾, to 1¼ feet....Pkt 5c

AMARANTHUS

Remarkably handsome, foliage and interesting flowers, producing a striking effect in the border as a background, or as a centre of beds. Seed may be sown in the open border in a hot-bed; transplant about the first week in June. Produces the most attractive and brilliant foliage upon poor soil; transplant to 20 inches.

29. Fine Mixed—A great variety..Pkt. 5c

ANTIRRHINUM

(Snapdragon)

The Snapdragons do not receive in this country the attention they deserve. Tourists see them used in beds and borders in all the famous parks and gardens of the Old World, and we know from actual tests that they do just as well here as in Europe. They succeed best in a rather light soil in a sunny position, and although perennials, succeed well when treated as annuals.

7. Tall Mixed .....Pkt. 5c
8. Dwarf Mixed .....Pkt. 5c

AQUILEGIA

(Columbine)

Charming hardy perennial plants, growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossom of pure blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy flowers. H.P. 1 to 3 feet.

31. Double Mixed .....Pkt. 5c

SUPERB ASTERS

These beautiful and popular Annuals are unrivalled for richness of display and profusion of flowers. They are desirable for beds, being in bloom when most other plants are nearly over, and are useful for cut flowers and bouquets. Start seed early indoors, or sow in open ground. H.H.A.

379. Violet King—A distinct variety; the peer of the grandest chrysanthemum. In form the flower is entirely new and distinct, being fantastically twisted, curled and incurved; from 4 to 5 ins. in diameter. ..... Pkt. 10c

388. Vick's Cardinal—It is almost an impossibility to describe the coloring of this aster. When massed in a bed by itself, its deep vivid cardinal color is as striking as the brilliant Scarlet Salvia .....Pkt. 10c

363. Royal Purple—Medium early, continuing until late in the fall. The flowers are large and full to the centre; color, bright purple .....Pkt. 10c

364. Purity—A handmaid to Day-break; blooms pure white. A finer combination of colors than Purity and Daybreak cannot be imagined .....Pkt. 10c

365. Daybreak—No private garden is complete without it; and for florists' use it is unsurpassed. Color, a lovely sea shell pink .....Pkt. 10c

366. Jubilee Mixed—Flowers five inches in diameter. Individual plants carry 25 to 40 immense flowers. Colors beautiful, clear and rich .....Pkt. 10c

13. Giant-Flowered Dwarf Queen—The finest Dwarf Aster. Bushy plants about 10 inches high, of compact growth; flowers measure from 3 to 3½ inches in diameter. Finest colors, mixed .....Pkt. 10c

14. Giant Comet—Plants 18 inches high, flowers resemble Japanese Chrysanthemums, and are of very largest size. Finest colors, mixed .....Pkt. 10c

375. Vick's Branching, Mixed—This exceptionally fine aster is without a rival; is often mistaken for the chrysanthemum; stems 15 to 20 inches long; grand for cutting. One plant will cover a space 2½ feet square. .....Pkt. 10c

21. Queen of the Market, Mixed — A class of asters characterized by extreme earliness and the profusion of their flowers. Plants carry 10 to 15 large flowers. ..... Pkt. 10c

23. White Plume — Plants 12 to 15 inches high; flowers from 3 to 4 inches in diameter .....Pkt. 10c

25. New Rose, Large-Flowered, Mixed—Robust; of great substance, 2 feet. Pkt. 10c

26. White Varieties, Choicest Mixed—This mixture cannot be surpassed. Height 1½ to 2 feet .....Pkt. 5c

448. VICK'S PURPLE ROCHESTER—These magnificent flowers are more double and more chrysanthemum-like than those of the original Lavender Pink Rochester. The long narrow petals fall over one another in a charming cascade of color, forming a wonderfully shaggy mass that cannot be equalled for richness of effect. In addition to their great diameter, they have a most remarkable thickness, making them truly massive. Vick's Lavender Rochester is an exquisite shade of clear, light, lavender. Vick's Purple Rochester is a rich shade of deep purple....Pkt. 25c

449. VICK'S WHITE PERFECTION — We consider this the finest mid-season white aster in cultivation. The flowers are exquisite in form, and the plants are taller than those of the later upright asters. Grown on our farm under ordinary field conditions, the flowers average four inches in diameter. When they are ready for market the entire flower is strongly whorled, producing a charming effect and making the White Perfection quite distinct from any other aster. The plants carry about twelve large flowers on large stems. ..... Pkt. 20c

480. CRIMSON KING — The plant is vigorous, of upright branching growth with strong stems eighteen inches long, carrying grand double bright-crimson flowers four inches in diameter. The blooms are invariably full centered, the centre petals being beautifully twisted and incurving. .....Pkt. 10c

485. GIANT OSTRICH PLUME MIXED—Embraces all the desirable colors in splendid mixture. A very large flowering class, the blooms of which are of most perfect shape; splendid for cut flowers. Resemble the Giant Comet Asters, as they have the same curled and twisted petals. However, the petals are longer and the whole flower larger. Individual blooms often measure 4 to 6 inches in diameter. Plants of luxurious branching habit, with flowers on long slender stems. Height 2 feet. .....Pkt. 10c

EARLY BRANCHING — A distinct advance in the branching class, attaining the size and vigor of Late Branching and coming into flower about two weeks earlier. The whole strength of the plant is given to the development of very large and perfect flowers, which are borne on extra long stems. **We offer two colors only for this season:**

401. Early Branching White....Pkt. 15c
402. Early Branching Rose....Pkt. 15c

27. All Varieties, Mixed—A good mixture of the standard varieties.....Pkt. 5c

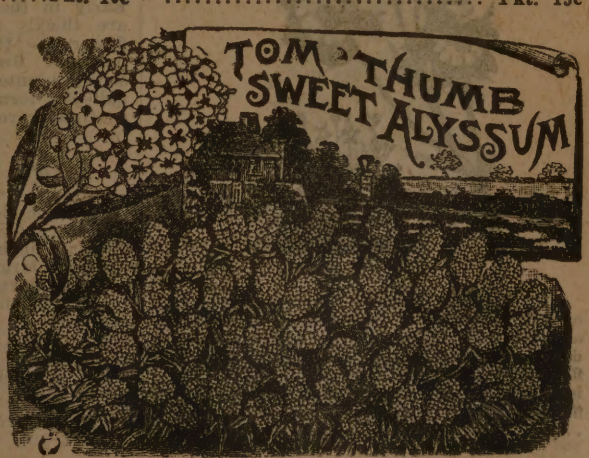
15. Semple's Late-Flowering Branching—Flowers 4 inches across, and borne on long stems. 18 inches to 2 feet high. Finest colors, mixed.....Pkt. 10c

16. Trauffaut's Paeony-Flowered Perfection—2 feet in height, blooming very freely; the flowers are paeony-like. The colors range from pure white to scarlet, etc. Finest colors, mixed.....Pkt. 10c

17. Dwarf Chrysanthemum-Flowered — Flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high. Finest colors, mixed. Pkt. 10c

378. Lavender Gem—The color of this variety is of delicate lavender. The feathery effect of the ostrich-feathered type, irregularly cut and slashed, so that the flowers look like a ragged chrysanthemum ..... Pkt. 15c

SOME VARITIES ARE VERY SCARCE. ORDER EARLY.



ALYSSUM

A desirable annual, flowering from early spring until killed by frost, and all winter in the house if sown in August. Most effective in masses of plants one foot apart.

412. Carpet of Snow—Emits a honey-like perfume; grows only two to three inches. Perfect carpet of snow throughout the season; 300 heads of pure white flowers open on one plant at one time. H.A. ..... Pkt. 10c

9. Sweet — White flowers, fragrant, very delicate; makes a pretty border. H.A. .....Pkt. 5c

10. Little Gem—Grow 3 or 4 inches high, and each plant spreads 12 to 20 inches in diameter; deliciously fragrant. H.A....Pkt. 5c

11. Golden Saxatile — Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high; desirable for rock work and quite showy in masses. H.P. .....Pkt. 5c

AURICULA

30. Beautiful, low-growing, spring-flowering plants, fine for borders, pot culture, etc., the fragrant flowers of many rich colors are borne in clusters on the top of stalks, 4 to 6 inches long. H.P. Choice mixed .....**Pkt. 10c**

ARCTOTIS

(African Lilac Daisy)

12. Grandis—A remarkably handsome new annual from south-west Africa; 2 to 3 feet high; flowers large and showy, being pure white on the upper surface, embellished with yellow zone, the reverse of petals pale lilac-blue; altogether a lovely flower of easiest culture.....**Pkt. 10c**

BALSAMS

"The balsams snapped their tender pods,
And threw their seeds away."

Our Balsam seed is of a superior strain saved from the most perfect flowers. H. H.A. 1½ to 2 feet.

32. Pearce's Famous—This is the most magnificent strain of double Balsams ever introduced .....**Pkt. 10c**

33. Pearce's Superb, Double-Mixed—One of the finest strains grown..**Pkt. 10c**

34. Camellia-Flowered, Double-Mixed—Richly varied colors, blotched and marked ..... **Pkt. 10c**

35. Dwarf Double-Mixed—12 beautiful colors, mixed .....**Pkt. 5c**

36. Fine Double-Mixed—A good collection of colors for pots and borders. ..... **Pkt. 5c**

GIANT BROWALLIA

37. Speciosa Major—The most beautiful of all Browallias. The plants grow only about a foot high, covered with an abundance of the most delightful sky-blue flowers. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. H.A. ..... **Pkt. 10c**

BARTONIA AUREA

41. Golden Bartonia—In our opinion this is one of our brightest garden flowers, and we recommend everyone of our customers to try it. Its large and exceedingly brilliant, glossy yellow blossoms are thrown well above its gray, thistle-like foliage, and are produced in great profusion all summer, and remain in perfection until destroyed by severe frost in autumn. Light frosts do not affect them. Fine for masses or as single plants in borders. Seed should be sown where the plants are to stand, as it does not bear transplanting. H.A. 2 feet.....**Pkt. 5c**

BETA

38. Most effective bedding plant, producing large leaves of beautiful color. Frost does not kill them, only coloring them more prettily, which, until covered with snow, are objects of great beauty. Be sure to try this wonderful bedding plant this season .....**Pkt. 5c**

BURNING BUSH

435. The plant grows freely from seed sown in the open ground when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the fall, the plants are always of globe-like form. The plants branch freely, and the stems are clothed with slender light green leaves. Early in the fall the ends of the shoots are thickly set with small bright-scarlet flowers — the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round, ball-like form on all sides, or grown in continuous rows or hedges. H.A...**Pkt. 10c**

BIRD OF PARADISE.

39. The flowers of this rare plant are a rich golden yellow, measure two and one-half inches across and are produced in very large trusses. The most attractive part of the flower is the large pistils, which are spread in fan-like form and are of a beautiful bright crimson color. The foliage is highly decorative, similar to a very delicate Acacia. If the seed is started early it will produce a profusion of blooms the first year. H.H. B. .....**Pkt. 10c**

BACHELOR'S BUTTON.

(Centaurea Cyanus)

40. Also known as "Ragged Sailor," "Corn Flower" and "Blue Bottle." It is a great beauty, and a favorite in the old country. Unique little plant, forming a dense mass of foliage over which are borne many lovely blue blossoms, beautifully fringed and serrated.....**Pkt. 5c**

CALENDULA

The Calendula is the fine old, well-known Marigold family, which everyone knows but may not recognize by this name. The name was given because some of the species were supposed to be in flower every month of the calendar.

47. Prince of Orange—This new variety surpasses in beauty the well-known Meteor. The stripes are of deeper orange and make a brilliant appearance. **Pkt. 5c**

48. Fine Mixed — Many beautiful varieties .....**Pkt. 5c**

CANTERBURY BELLS

Ornamental garden plants of easy culture, growing 2½ feet high, bearing large, bell-shaped flowers of many beautifull shades. H.B.

56. Cup and Saucer—A beautiful variety, a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter; form of cup, hence its name .....**Pkt. 10c**

57. Choicest Mixed—Single and double ..... **Pkt. 5c**

CANNAS

Fine foliage plants of highly decorative character; their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seed, which should be soaked in hot water several hours.

54. Crozy's Hybrids—New and beautiful varieties. H.H.P. 3 feet....**Pkt. 10c**

55. Choice Mixed—Comprises all the best varieties. Height 3 to 5 feet..**Pkt. 5c**

CANDYTUFT

Everybody knows what Candytuft is, how easily it is grown and how indispensable it is in the flower garden, either for cutting or display for weeks without interruption. H.A. 1 foot.

49. EMPRESS—The finest pure white variety in cultivation. It is a strong grower and produces several trusses of flowers 5 to 8 inches in length and 2 to 3 inches in diameter .....Pkt. 10c

50. Sweet Scented—White.....Pkt. 5c

51. Crimson .....Pkt. 5c

52. Fine Mixed—A choice mixture..... ..... Pkt. 5c

CALLIOPSIS

Many of our most showy flowers are slighted because they are common and grow anywhere without trouble or care, almost like weeds. One of these is the Calliopsis. Were it a new thing just introduced, it would be considered a novelty of rare excellence.

43. Mixed Colors—Nearly every shade of yellow, orange, crimson, red, brown, H.A. .....Pkt. 5c

CARNATIONS

Chaubaud's Giant Flowering.

CARNATIONS

Carnations are general favorites for their delicious fragrance and diversity of color. With the exception of Marguerites, they will very seldom bloom the first season, but with a little protection will stand the winter well and flower profusely the following May or June.

44. Marguerite, Early Flowering—This class excels in all respects. It is the most profuse bloomer of any of the "pinks." Exquisite in color, showing beautiful shades in white, red, pink, variegated, etc. Large size, perfect form, dwarf habit, compact and robust; flowering in a few months from seed. They can be potted and taken into the house and will flower abundantly throughout the winter. Mixed.....Pkt. 10c

392. Chaubaud's Giant Flowering—These latest and best creations of Mons. B. Chaubaud, the famous French "Carnationist," surpass all the race in richness and variety of coloring, the combinations of which are surprisingly beautiful. Now we have Fancy Pinks flowering continuously after six months from sowing, immense double blossoms perfuming the air with sweetness; of incontestable merit for winter flowering and hardy enough for outdoor culture. Mixed colors .....Pkt. 10c

45. Fine Double Mixed — Established favorites. For cut flowers. H.H.P. Height 1½ feet .....Pkt. 10c

46 Choicest Double Mixed—This collection comprises richly scented, beautifully marked varieties. For cut flowers. Height 1½ feet .....Pkt. 25c

CELOSIA

(Ostrich Feathers)

58. The plant grows about 3 feet high, is of handsome pyramid form, and the numerous massive plumes, which resemble an ostrich feather waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or outdoor planting. It is easy of culture. ..... Pkt. 10c

CENTAUREA

One of the most attractive and graceful of old-fashioned flowers, easily grown, and flowers freely and continuously; height 2 to 3 feet. Flowers excellent for cutting.

59. Cyanus, Mixed—Dark and light blue, purple, pink, rose, etc. H.A. 2 to 3 feet. ..... Pkt. 5c

CHRYSANTHEMUM

One of the prettiest annuals grown. The colors have the appearance of being laid on with a brush, and for this reason they are frequently called "Painted Daisies," and are indeed very charming. Sow seed early in open ground and they will bloom profusely in summer.

60. Fine Mixed — Certain to produce splendid flowers. 2 feet .....Pkt. 5c

PLUMED COCKSCOMB

398. "Thompson's Magnifica"—A very superior type of the popular Ostrich-Plumed Celosia or Cockscomb, forming pyramidal branching plants 3½ feet high, and bearing unusually large conical plumed heads of either golden-yellow, fiery-scarlet purple, salmon, etc. The plants

Plumed Cockscomb—Thompson's Magnifica.

are annuals, growing easily and quickly from seed, and present a very showy appearance in your garden, lasting long in bloom. Mixed colors .....Pkt. 10c

COCKSCOMB

Magnificent, free-flowering, graceful-growing plants, producing in the greatest profusion their beautiful flowers in combs and feathery spikes. Grown in pots they are one of the most elegant plants for conservatory decorations. Annual.

65. Carter's Empress — Most superb strain in cultivation. Height 1½ feet... ..... Pkt. 10c

66. Glasgow Prize — Immense crimson combs, very fine. Height 1½ feet.Pkt. 10c

67. Dwarf Mixed—A variety of colors; very handsome. Height 1 foot...Pkt. 5c

CONVOLVULUS MINOR

(Dwarf Morning Glory)

Rich-colored, handsome dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect. H.A. 1 foot.

61. Tri-Color, Mixed .....Pkt. 5c

COWSLIP

The well-known English Cowslip, flowering early in spring.

64. **English Mixed**—Fine colors..**Pkt. 5c**

DAHLIA

The Dahlia is well known, but few are aware that if the seeds are sown early in the spring they will bloom the first year. The seed which we have to offer is of the finest strain, and produces magnificent flowers of large size and richest shades.

68. **Finest Double Mixed**—Every variety of color. T.P. 4 feet.....**Pkt. 10c**

69. **Single Mixed**—All colors, grand border flowers. 4 feet.....**Pkt. 5c**

DIANTHUS

(Pinks)

This genius of plants is one of the most brilliant of our garden flowers, and gives universal satisfaction. Very fragrant and desirable for bouquets.

71. **Chinensis, fl. pl., Mixed** (Double Indian Pinks)—A great assortment. Ht. 1 foot .....**Pkt. 5c**

72. **Heddewiggi, fl. pl., Mixed** (Double Japan Pinks)—The grandest Pinks. Ht. 1 foot .....**Pkt. 5c**

73. **Choicest Mixed** — The above and many others. Height 1 foot.....**Pkt. 5c**

HARDY PERENNIAL PINKS.

These hardy varieties are well adapted for beds and borders, delightfully sweet-scented. Should be in every garden where cut flowers are wanted.

74. **Plumarius (Pheasant-Eye)** — A beautiful, single, hardy Pink, with fringed-edged white flowers, with a dark centre .....**Pkt. 5c**

DIGITALIS

(Foxglove)

When well grown this is quite a stately plant, with flower stems 3 feet in height. The flowers are thimble-spotted. H.P.

75. **Menstross, Mixed** — Spike of enormous flowers .....**Pkt. 5c**

DATURA

(Or Trumpet Flower)

70. **Cornucopia** (Horn of Plenty)—For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form two distinct trumpets, growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple .....**Pkt. 5c**

DIAMOND FLOWER

76. A dainty little annual with tufts of tiny foliage and beautiful little white and violet-blue flowers that bloom within a month from time seed is sown. It will grow in the open ground over rock work, or in pots, never exceeding three inches in height and rarely two. The tiny flowers have a glistening sheen that has given them their name of Diamond Flower, and being surrounded by a wreath of bright green foliage, they show to wonderful advantage. For pot culture in winter it is just superb. Sprinkle a few seeds in a small pot or saucer or in pots where other plants are growing, and within one month you will have the most charming of foliage and flowers covering the surface of the soil—like moss—you ever saw .....**Pkt. 5c**

DOUBLE DAISY

(Bellis Perennis)

As an edging for shady borders and as pot plants, these handsome hardy perennials are unsurpassed. The strains we offer are remarkable for their size and doubleness of their flowers, and much superior to those generally offered. P. ½ foot.

77. **Longfellow** — Large double pink flowers .....**Pkt. 10c**

78. **Snowball**—Large and very double snow-white daisy; excellent for cutting .....**Pkt. 10c**

79. **Double Mixed**.....**Pkt. 5c**

AFRICAN DAISY

445. **Golden Orange**—Extremely showy annual. Quite unique in color. The hardy plants of neat branching habit grow only twelve to fifteen inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, 2½ to 2¾ inches in diameter, are of a peculiarly rich, glossy, orange-gold. Its striking brilliant coloring is rendered even more conspicuous by the dark colored disc surrounded by a black zone. It bears its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to bloom abundantly during the entire summer. A bed in full bloom is truly a magnificent sight. ..... **Pkt. 10c**

DELPHINIUM

(Perennial Larkspur)

The Perennial Delphiniums are valuable plants; foliage clean and pretty; habit strong and good; flowering branches often four feet high, flower spikes six inches or more in length. Propogated by division of roots and from seed. Strong plants will be produced by fall that will flower next spring.

80. **Finest Double Mixed**.....**Pkt. 10c**

EDELWEISS

(Snow Flower)

82. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silvery-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun....**Pkt. 10c**

ESCHSCHOLTZIA

(California Poppies)

Showy summer flowering plants, large saucer-shaped flowers of striking brilliancy in the sunlight. They flower profusely throughout the season.

81. **Golden West**—The flowers of these new giants measure from four to six inches in diameter. The colors are intense and shining yellow. In some an orange blotch almost suffuses the whole flower; in others it runs into the yellow in fine pencilled lines; others again have an orange centre with a margin of clear yellow .....**Pkt. 10c**

IF YOU ARE INTERESTED IN BEES SEE PAGE 79.

FORGET-ME-NOT

83. Myosotis — Popular and charming little plants, bearing delicate blue flowers, which are highly prized for their beauty. ..... **Pkt. 10c**

GAILLARDIA

(Or Blanket Flower)

These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and the most brilliant shades of orange, crimson, scarlet and vermillion, and a combination of all these colors.

84. Many Colors Mixed.....Pkt. 10c

GERANIUM

Yes, you can grow good Geraniums from seed, and, as they sprout, the gardener is frequently rewarded by charming new varieties, especially if this new strain of seed is used. They are Giant Flowering. The colors are all shades of crimson, scarlet, salmon, pink, rose, snowy white. They will bloom more quickly if planted in light, sandy soil. H. H.P.

85. Giant Flowering Mixture..Pkt 10c

GOTETIA

Handsome and showy annuals, about 1 foot high, of dwarf, compact growth, bearing freely large flowers 3 to 4 inches across.

86. Choicest Mixed — Compact habit; contains many kinds.....**Pkt. 5c**

HOLLYHOCKS

The plants are stately in appearance, the flowers brilliant in color and delicate in texture. Blooming plants can be raised the first year as easily as plants of Zinnia or Marigold. All that is necessary is to start the seeds in a box in the house in February or March. About May 1st transfer to permanent place in garden, where they will produce elegant spikes of flowers in August and September, and blossom freely second year also.

87. Chater's Superb Mixed — An unequalled mixture of 17 prize varieties... ..... **Pkt. 10c**

88. Choice Double, Mixed—A fine collection .....**Pkt. 10c**

389. Annual Everblooming—Seeds sown in May will flower in August. Maroon black, pink, rose, canary, yellow, crimson, apricot with garnet throat, plush with carmine lacings, white, scarlet, magenta, etc. They flower profusely until frost. Remember, these are annuals .... **Pkt. 10c**

HIBISCUS

89. Giant Golden Bowl—6 to 9 inches in diameter. Their color is a rich, deep cream with a velvety crimson and maroon centre. Plants from 3 to 5 feet high; 10 to 20 gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the fall. H. H.P. .....**Pkt. 10c**

90. Crimson Eye—Immense flowers, pure white, large, crimson eye, often measures 7 inches in diameter, and a plant will often have as many as 50 of them. It blooms from seed the first year; sown in the open ground. H.P.P.....**Pkt. 10c**

ICE PLANT

91...Pretty trailing plants, with curious succulent leaves and stems. Fine for hanging baskets .....Pkt. 5c

LINUM

(Scarlet Flax)

95. Coccineum—One of the most showy and effective bedding plants of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. 1 foot. H.A.....**Pkt. 5c**

LEMON VERBENA

94. The plants grow about 2 feet high, branching freely, each branch terminating in a pyramid of small white flowers. The leaves have a delicate lemon-like fragrance. ..... **Pkt. 10c**

LOBELIA

Pretty, profuse blooming plants of great value to the flower garden. Their delicate, drooping habit and the profusion of their charming little flowers render them extremely ornamental. Very fine for hanging baskets. H.H.A.

96. Erinus Gracillia—Dark blue. Height 2 feet .....**Pkt. 5c**

97. Erinus Speciosa—Blue, with white eye; used at Crystal Palace and other public gardens. Height 6 inches..**Pkt. 10c**

98. Choice Mixed—For beds, edgings and pots. All colors. Height 6 inches to 1 foot .....**Pkt. 5c**

LARKSPUR

Well-known annuals of great beauty and noted for richness of colors.

99. Dwarf German Rocket, Mixed—Improved by culture; for clumps. H.A. Height 1 foot .....**Pkt, 5c**

100. Double Emperor Mixed—A new strain obtained by selection. H.A. Height 1 foot 6 inches .....**Pkt. 5c**

MARTYNIA

Fine summer blooming garden plants with Gloxinia-like flowers of many handsome colors, followed by curiously-horned fruit. Sometimes called Devil's Claws. When young the seed pods are very fine for pickling. H. A.

421. Fine Mixed **Per Pkt. 5c**

MARIGOLD

These annuals are old favorites in our garden, but have been greatly improved in size and doubleness of flowers. Effective for massing.

399. "Lemon Ball" — The color is a clear canary-yellow; resembles large double yellow dahlias. Flowers will measure four inches across; excellent for cutting. As easily grown from seed as the common marigold .....**Pkt. 10c**

103. African Double, Mixed—Fine blossoms; height 1 to 2 feet.....**Pkt. 5c**

105. French Double, Mixed — A fine mixture; height 1 to 2 feet .....**Pkt. 5c**

MARVEL OF PERU

(Four O'Clock)

Flowers open in the afternoon, hence the name "Four-o'Clock." Old-fashioned, but none the less beautiful. The plant is large and requires 4 feet of space; makes a pretty hedge; flowers are funnel-shaped; very fragrant.

107. Fine Mixed .....**Pkt. 5c**

MONKEY FLOWER

Tender-looking plants with similar shapes and brilliant-colored flowers, blotched and spotted in every conceivable manner. Excellent for baskets and vases. They thrive well in the open garden if planted in partial shade.

109. Mimulus Tigrinus Grandiflora..... ..... **Pkt. 5c**

MUSK PLANT

A well-known and favorite plant both for outside borders and for pot culture in spring. Cultivated on account of the musky odor of the plant.

110. Mimulus Moschatus. H.H.A..... Pkt. 5c

MIMOSA (Sensitive Plant)

A pinkish white. Very interesting and curious plant; leaves closing if touched or shaken. Height 1 foot.

120. Pudica .....Pkt. 5c

MIGNONETTE

A universal favorite on account of its delicate fragrance. Good for pots or garden culture. If thinned out produces stronger plants and better blooms. Sow at intervals throughout the summer for a succession of bloom.

111. Goliath—Claimed by experts to be the most beautiful Mignonette in existence; giant trusses of flowers borne erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture .....Pkt. 10c

112. Golden Machet—This variety has all the excellencies of the popular Machet Mignonette; strong, compact habit, bearing long massive spikes of golden yellow flowers .....Pkt. 10c

113. Allen's Defiance—Spikes from 12 to 15 nches long, delicately fragrant. Spikes have been kept three weeks after cutting, retaining their fragrance till every bud opened .....Pkt. 10c

114. Sweet (Reseda Odorata)—Too well known to need comment. Height 2 feet. **Lb. $1.00, ¼ lb. 30c, Oz. 10c.....Pkt. 5c**

115. Machet—Spikes of bloom richly colored, dark foliage, fine for pots. Height 9 inches .....Pkt. 10c

116. Hybrid Spiral—One of the finest in cultivation; free bloomer. 1 ft. Pkt. 5c

117. Large Flowering — Long spikes highly scented. 1 foot .....Pkt. 5c

118. Golden Queen — Golden colored flowers; finely scented .....Pkt. 5c

119. Crimson Victoria—New, distinct deep color, exquisitely scented. Height 1 foot .....Pkt. 5c

NASTURTIUMS (Dwarf)

Excellent for massing and ribboning, doing well even in poor soil. The tall varieties (see Climbers) are elegant plants for verandahs, trellises, etc. Seen pods can be gathered while green and tender for picking. H.A.

400. Giant of California—Flowers often three inches across; a great variety of colors. The plants form perfect mounds about one foot high by one foot across. Choice colors, mixed, ½ oz. 25c...Pkt. 10c

123. Dwarf Chameleon — Unique in bearing flowers of **quite distinct colorings on one and the same plant**, some clear, deep crimson, others blotched on light ground and others beautifully mottled. **Pkt. 5c, oz. 25c** **Oz. Pkt.**

124. Pearl—Light cream color, the nearest to a white yet obtained. Height 1 foot 15c 5c

125. Spotted—Orange with chocolate spots; a pleasing contrast to other kinds. Height 1 foot....15c..5c

126. Scarlet — Fine orange-scarlet, the freest bloomer of all; fine for vases. Height 1 foot.....15c 5c

127. Crimson—Fine dark crimson-maroon; a dense bloomer; very effective. Height 1 foot.....15c 5c

128. Beauty—Handsome variety, golden-orange, bright scarlet spots. Height 1 foot 15c 5c

129. Empress of India—A sensational variety; brilliant crimson, Height ¾ foot 15c 5c

130. King Theodore—Remarkable appearance; dark chocolate crimson. Height ¾ foot 15c 5c

131. Lady Bird—Golden, with a frame of ruby crimson on each petal. Height ¾ foot 15c 5c

132. Ruby King—A novel color; rich ruby rose. Height ¾ foot..15c 5c

133. Tom Thumb, Mixed—Comprises the above and a great many more varieties. Height ¾ to 1 foot 10c 5c

NICOTIANA

Of all the varieties of tobacco which are grown for their sweet-scented flowers, this is the best. The plant is literally covered with large, white, star-shaped flowers, which, after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden. H.H.A.

121. Affinis .....Pkt. 5c

OXALIS

Showy plants with brilliant-colored flowers; very effective when used in rockwork, baskets, etc. H.H.P.

152. Fine Mixed .....Pkt. 5c

DOUBLE PETUNIA

Petunias are unsurpassed, if, indeed, equalled, for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in the spring or earlier in cold frame or hotbed and transplanted 18 inches apart. By the latter process they will come into bloom much earlier.

146. Double-Flowered—This is a mixture of the best large-flowering and fringed Petunias. Seed is saved from plants grown in pots, carefully hand-fertilized and will produce grand flowers. Of course, everyone knows that only a certain percentage of double may be expected from seed, but our mixture will produce from 65 to 70 per cent. of double flowers, while the remainder will be choice, large, single flowers.....Pkt. 30c

SINGLE PETUNIA

147. Giants of California—This strain originated in California, is of incomparable size, luxuriance and beauty. Nearly all the flowers are ruffled or fringed and measure from 4 to 5 inches across. The great variety of color blotchings, stripings and veinings make fantastic and beautiful combinations, some with deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich and gorgeous.Pkt. 20c

148. Yellow-Throated — Beautiful variety, with deep, broad yellow throat.Pkt. 20c

149. Large-Flowering, Superb Mixed—Twice the size of the old sorts; beautiful. ..... Pkt. 10c

150. Striped and Blotched — A fine strain; very large perfect flowers. Pkt. 15c

151 Hybrida Mixed—Contains varieties all colors, for pot or garden, ¼ oz. 25c ..... Pkt. 5c

BEAUTIFUL PINKS

407. Eastern Queen — Single Annual beautifully marbled; broad bands of mauve on a parlor surface, making the flower exceedingly striking and pretty. ..... **Pkt. 10c**

408. Crimson Belle—Single annual. A rich crimson dianthus of large size and good substance, evenly and finely fringed. ..... **Pkt. 10c**

409. Salmon Queen—Single Annual, with large, well-formed, fringed flowers of a brilliant salmon color. Flowers change to a salmon rose when fading. A variety quite distinct from all other sorts, and of exceeding merit .....**Pkt. 10c**

410. White Frills—Single flowered, with bloom of pure, dazzling white, 2½ inches across. The petals are so deeply laciniated or fringed that the flowers appear double, and the effect is wonderfully beautiful .....**Pkt. 10c**

411. Mourning Cloak—A double dianthus of so dark a maroon to be almost black. Every petal is faintly bordered with white, wholly relieving the flower of a sombre appearance. The size is about 2½ inches, and the texture is extremely rich .....**Pkt. 10c**

PORTULACA (Rose Moss)

There is scarcely any flower in cultivation that makes such a dazzling display of beauty. They are in bloom from about the first of July till killed by the frost in the autumn. H.A. 6 inches.

167. Finest Single Mixed — Splendid colors; large flowered .....**Pkt. 5c**

168. Choice Double Mixed — Improvement on the other kinds in size..**Pkt. 10c**

POLYANTHUS

A pretty plant for borders and rockwork. Succeeds well in any garden soil. H.P. 1 foot.

178. Fine Mixed .....**Pkt. 5c**

PYRETHRUM

It would be well to sow seed under glass, but we have grown it by sowing seed in the open ground. A good pyrethrum is as desirable as a good Aster, quite as large. H.B.

171. Golden Feather—Prized for yellow foliage .....**Pkt. 10c**

RICINUS (Castor Oil Bean)

The picturesque foliage and stately growth, combined with brilliant-colored fruit of the giant varieties, impart to shrubberies and mixed flower borders quite an Oriental aspect. Grown as single specimens on lawns and pleasure grounds, they form a striking feature.

179. Bourboniensis Arboreus — Dark green foliage. H.H.A. 15 feet—**Pkt. 10c**

180. Gibsoni—Dark purplish red foliage and stem; fine for lawns. 6 ft...**Pkt. 10c**

181. Campodgensis—Palm-like leaves of a bronzy-red. 6 feet.....**Pkt. 10c**

182. Fine Mixed—Ornamental until destroyed by frost. 6 to 15 feet....**Pkt. 5c**

SALPIGLOSSIS

Very showy bedding or border plants, with richly-colored, erect funnel-shaped flowers. The colors are beautifully marbled and pencilled purple, scarlet, crimson, yellow, blue and almost black. H. H.A. 1½ feet.

183. New Emperor — Is a very great improvement on the older type in its increased size of flowers, their improved shape and large variety of colors; beautiful .....**Pkt. 10c**

184. Tall Mixed .....**Pkt. 5c**

185. Dwarf Mixed .....**Pkt. 5c**

SALVIA

The Salvia or Flowering Sage is a very ornamental plant, flowering in spikes of fiery red and continues to blossom in open ground till frost, when the plants can be removed to the greenhouse and continue to bloom a long time. H.H.P. 3 feet.

188. "Bonfire.". (Clare Bedman)—This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet attract immediate attention in the garden, and it is one of the most effective and gorgeous plants in cultivation .....**Pkt. 10c**

189. Burning Bush (Salvia Splendens Grandiflora)—This variety forms strong, sturdy bushes, 2½ feet high, and bears individual spikes of flowers, many of them being over 18 inches in length; color intensely rich scarlet .....**Pkt. 10c**

190. Splendens (Scarlet Sage)—Most gorgeous plants, with intensely vivid scarlet flowers. The flower spikes are 10 to 12 inches in length .....**Pkt. 5c**

191. Patens—The brightest and purest of all blue flowered plants. A nice contrast with the scarlet .....**Pkt. 10c**

192. Coccinea—Brilliant crimson-scarlet ..... **Pkt. 5c**

193. Argentea—Fine, pure white, comes true from seed .....**Pkt. 5c**

SCABIOSA (Mourning Bride)

Is not so generally cultivated as it deserves. Very free bloomers, effective for garden decoration and valuable for cutting purposes.

194. Snowball—Beautiful pure white double flowers. H.A. Height 2 ft. **Pkt. 10c**

195, Tall Mixed—A splendid mixture Height 2 feet .....**Pkt. 5c**

196. Dwarf Mixed — Free bloomers. Height 1 foot .....**Pkt. 5c**

SWEET WILLIAM

A beautiful class of free-flowering plants of extreme richness and diversity of colors. Produce fine effect in beds or mixed flower borders. H.P. Sow early.

186. Finest Double Mixed — Our strain is the finest .....**Pkt. 10c**

187. Auricula-Flowered— Excites praise wherever grown .....**Pkt. 5c**

PANSY

Pansies are a specialty with us, and we use the greatest care in growing, selecting and importing the best strains of these universal favorites.

394. Hercules Giant—Enormous flowers are of thick, heavy texture. The coloring and markings are widely varied, some flowers being almost self-colored in the richest tints of purple, carmine and brown, relieved by delicate shading of a brighter or contrasting color; others are boldly margined with white, cream, golden yellow or soft rose; while still others have silvery grounds, blotched at base of petals with a dark rich shade. ..... Pkt. 25c

385. Phenominal—A beautiful and very showy mixture strain of Pansy, having flowers of the largest size, finest, full-rounded form, of most beautiful and strong colorings. While a few of the large flowers are self-colored (that is, they have all five petals in one color, but distinctly rayed with rich lines and veinings), the majority have the three lower petals of lighter color than the two large upper ones. Dark rich shades are distinctively outlined with narrow margin of silvery white. Pkt. 15c

134. Rainbow Strain—We have boasted for many years past that our **Rainbow Strain was unapproachable**, that, in fact, no grower had as yet succeeded in producing a Pansy so fine in color, delicate in penciling and so uniformly large in size as our own. After repeated trials with samples from well-known specialists in Pansy growing, we are satisfied that our **Rainbow Strain** still retains its superiority above all others. This mixture contains by actual count 60 distinct shades and colors.....Pkt. 25c

403. Matchless—We offer this year our Matchless form of Giant Pansies, They range from a golden yellow, beautifully blotched and edged, to an exquisite rich claret and reddish bronze, the surface beautifully shaded with a rich silk velvety sheen. These lovely shades of color must be seen in their natural state to be fully appreciated. The blooms are of immense size, with grand substance and free from any flimsiness. .....Pkt. 25c

135. Perfection Mixed—Includes many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. For a charming display of show or exhibition Pansies, you should at least try a packet of **Perfection** .....Pkt. 25c

137. Trimardeau, Mixed — Very large flower; fine mixed .....Pkt. 10c

138. Cassier's Giant Mixed—Rich and lovely .....Pkt. 15c

139. King of the Blacks (Dr. Faust)—The blackest Pansy grown; nearly black. ..... Pkt. 10c

140. Snow Queen (Candidissima)—The finest white Pansy ever introduced..... ..... Pkt. 10c

141. Gold Margined—A fine contrast to other varieties; large-flowered, showy.... ..... Pkt. 10c

142. Lord Beaconsfield — Purple-violet shading to white; has to be seen to be appreciated .....Pkt. 10c

143. Very Large Flowering Mixed — Many colors; selfs, striped and spotted ..... Pkt. 10c

144. Finest Mixture — 25 shades and colors from one of the best growers..... ..... Pkt. 10c

145. Fine Mixed — Will not produce such large and perfect flowers as No. 144. .....Pkt. 5c

POPPY

This grand old flower is fast gaining popularity, which it justly merits. Having for years been crowded out of our gardens by the swarms of newcomers and forgotten, it has, nevertheless, kept pace with the march of improvement, and now comes around and surprises us with its new forms, new sizes, new colors; and the dear old flower which our grandmothers loved so much, again occupies one of the first places in our gardens, and we are proud of it; and well we may be, for through June and July it stands without an equal—the showiest of all annuals.

154. Dwarf Shirley — The seedlings grow into bushy little plants about 18 inches high, and all ablaze with innumerable flowers of rose, chamois, scarlet and salmon, some having a distinct light bordering to the petals, all with yellow staments and all thrown up well above the foliage .....Pkt. 10c

156. Golden Gate — Striped blotched edged and bordered on both single, semi-double and double flowers. No sight calls forth more expressions of wonder than a large block of these Poppies, with thousand of open flowers, of which seemingly no two are alike .....Pkt. 5c

157. American Flag — Beautiful new variety, flowery, very large and double; snow-white, bordered with scarlet; foliage bluish green .....Pkt. 5c

158. Danebrog—Double, deep red, petal marked at base with white blotch. Pkt. 5c

159. Carnation Flowered — Double, of large size, and in great variety of colors ..... Pkt. 5c

160. Mikado—Pure white at the back; the fringed edges are of brilliant scarlet. ..... Pkt. 5c

161. Paeony Flowered—Size and color are equal to Paeonies. Mixed colors..... ..... Pkt. 5c

162. Snow Drift — Pure White, grand ..... Pkt. 5c

163. Tulip—A dazzling variety, resembling the tulip in shape; color intense scarlet .....Pkt. 5c

164. Grandest Mixed—An elegant mixture of standard and novel varieties.... ..... Pkt. 5c

382. Giant Double—Almost every tint that one can conceive may be found in these brilliant Giant Double Poppies, and when grown in the large masses the floral panorama is of almost unimagined beauty. They are of the earliest possoble culture; the seed only needs to be sown thinly in May in the garden or border where the plants are to remain.

Brilliant Mixture .....Pkt. 10c

HARDY PERENNIAL POPPY

165. Iceland (P. Nudicaule)—These are a variety of graceful, neat habit, with bright green fern-like foliage formed tufts, from which issue tender stalks about 12 inches in height, bearing yellow, white or orange scarlet flowers in endless profusion, and most useful for cutting. Mixed colors .....Pkt. 10c

166. Orientale (The large Oriental Poppy)—A charming, flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal, exceedingly showy .....Pkt. 10c

PHLOX DRUMMONDII

These flowers are of extreme beauty their long duration in bloom combined with their richness of color, renders them of invaluable service in the general flower garden.

172. Star Phlox—This variety must be regarded as decidedly unique. While the petals of all other Phloxes are entire this variety is partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. .....Pkt. 10c

173. Flora Alba — Large, pure white flowers. Chaste. H.A. 1 foot...Pkt. 10c

175. Grandiflora Mixed—Large-flowering kinds. Height 1 foot. ¼ oz. 40c; Pkt. 10c

176. Fine Mixed — Sixteen different shades .....¼ oz. 30c; Pkt. 5c

PERENNIAL, or Hardy Phlox

The varieties of the Perennial Phlox are among the choicest of flowers for bedding and border plants. They are hardy and need no protection; will flourish in any kind of soil, succeeding better, however, in deep, rich, rather moist ground.

177. Mixed Colors .....Pkt. 10c

SCHIZANTHUS

Wonderful showy annuals; very decorative for garden beds and unsurpassed in pots for the conservatory, where by successive sowings a continuous display may be enjoyed almost the year round. The plants are of compact, branchy growth 1½ to 2 feet high and are literally sheeted with exquisite, butterfly-like flowers much larger than those of the ordinary Schizanthus, and include beautiful new color combinations.

Giant-Flowering Hybrids — Handsome bright green Fern-like foliage. The flowers borne in prodigal profusion are unusually large, measuring from 1 to 1¾ inches across; they are of much substance —very lasting—and show an endless variety of bright colorings. The light varieties of white, pink, buff-rose or yellow have beautifully marked centres, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with centre lines of yellow or white margined by a deep tone of the ground color.....**Pkt. 25c**

SUNFLOWER

Globe of Gold.

212. "Cut and Come Again"—Exceedingly popular for display in the garden and for cut flowers; pyramidical bushes 3 to 4 feet high; the perfectly formed single flowers, 3 to 4 inches across, are born an long stems. They are easily grown, commencing to flower in six weeks from seed .....**Pkt. 5c**

214. Globe of Gold—Unlike all others but few flowers could be so beautiful. They form erect, well-balanced plants, not-exceeding 40 inches in height. Each of the numerous branches produces large densely-double, globe-shaped flowers of deep rich golden yellow color....**Pkt. 5c**

215. "Stella"—The flowers are 1½ to 3 inches across, single; are borne on long stems and of purest golden yellow with black disc. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn .....**Pkt. 5c**

216. "Orion" — Similar in growth to Sunflower Stella, but differs from it in having twisted or fluted petals, smilar to those of the Cactus Dahlias, that gives it a remarkably graceful appearance.... ..... **Pkt. 10c**

STOCKS

Unsurpassed for bedding, massing, edging or pot culture, being very free and long bloomers, and of much diversity and brilliancy of color. H.H.A.

197. PRINCESS ALICE (Cut and Come Again)—A fine perpetual blooming stock. Its mist valuable feature is that it provides flowers during September and October, when other varieties have faded. Double pure white fragrant blossoms, and is excellent for cutting.....**Pkt. 10c**

198. Snowflake Ten-Week — Large and very double, snow-white flowers, admirably adapted for forcing. H.H.A. Height 1 foot .....**Pkt. 10c**

199. Dwarf Bouquet Ten-week—Mixed—Large double flowers, 6 inches..**Pkt. 10c**

200. Large - Flowering Dwarf Ten-Week—Mixed, improved dwarf variety, increased size of bloom. Height 1 foot.... ..... **Pkt. 10c**

201. Giant Perfection Ten-week — Mixed—Long spikes, perfect double flowers. Height 2½ feet .....**Pkt. 10c**

202. Fine Double Dwarf German Ten-Week—Mixed—25 colors. Height 1 foot.. ..... **Pkt. 10c**

203. Dwarf Ten-Week—Mixed—A very good mixture, about 50 per cent. double. Height 1 foot.....**Pkt. 5c**

SWEET PEAS

TALL SWEET PEAS—Page 29.

VERBENA

No plant is more generally cultivated or more eagerly sought after than the Verbena. They flower perfectly well from seed sown in spring. H.H.A.

386. BURBANKS MAYFLOWER — Flowers are of extra large size, and more pronouncedly fragrant than in any other strain in cultivation. This strain is fully equal to the best for bedding purposes. .....**Per Pkt. 10c**

220. MOSS VERBENA — This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue blossoms in lavish profusion, comes into flower in June and continues until frost. For beds, baskets, or rockeries it is highly desirable..**Pkt. 10c**

221. VENOSA (Hardy Garden Variety) —This variety is now largely used for bedding purposes. It is a strong, thrifty grower, about 1 foot high and covered from early summer until late fall with its bright purplish heliotrope flowers.... ..... **Pkt. 5c**

222. HENDERSON'S MAMMOTH — Average trusses measure 9 to 12 inches in circumference. They bloom freely, are vigorous in growth, and our mixture contains all of the beautiful new colors and shades .....**Pkt. 10c**

223. Candidissima—Immense trusses of pure white flowers; splendid bedder. Ht. 1 foot .....**Pkt. 10c**

224. Defiance—Scarlet; for bedding or pots. Height 1 foot .....**Pkt. 10c**

225. Hybrida, Finest Mixed — Superb colors; 1 foot .....**Pkt. 10c**

226. Hybrida Mixed—A very good variety. Height 1 foot .....**Pkt. 5c**

VIRGINIA STOCKS

Beautiful, free-flowering annuals, desirable for beds, baskets or edgings.

219 Mixed colors .....**Pkt. 5c**

VIOLETS

217. Corunta "Papillo" (Butterfly Violet)—Splendid variety of the "Bedding Pansy." The color is an exceedingly lovely violet lilac, with small dark eye. A group in flower looks like a mass of blue butterflies; easily raised from seed.. ..... **Pkt. 10c**

218. Odorata (Sweet Violet) — Well-known, fragrant, early spring blooming plants; thriving best in summer in a shady situation, in a rich, deep, soil; seed takes from 3 to 6 months to germinate. Single blue and white mixed..**Pkt. 5c**

WALLFLOWER

Well-known hardy plant producing fragrant flowers of various colors.

227. Double German, Mixed — Grand flowers, rich colors. Height 1½ feet.... ..... **Pkt. 5c**

228. Single Golden-Yellow — The old-fashioned, highly perfumed variety; color, rich, golden-yellow. Height 1½ feet..... ..... **Pkt. 5c**

ZINNIAS

229. Giant Mammoth, Mixed—This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet high and very profuse of bloom. The flowers are extremely double and very brilliant color.....**Pkt. 5c**

230. Crested and Curled — Flowers are large and double, the the petals being twisted and curved into most graceful forms .....**Pkt. 5c**

231. Zebra, Mixed—Hardly two plants produce flowers alike. Height 2 feet..... ..... **Pkt. 5c**

234. Choice Double Mixed — Cannot be surpassed. Height 1½ feet.....,.**Pkt. 5c**

ADLUMIA

(Mountain Fringe or Alleghany Vine)

235. CIRRHOSA—A graceful hardy biennial climber, but, as it resows itself year after year, it might be considered perennial; the feathery foliage closely resembles that of the Maidenhair Fern; the flowers are tube-shaped, flesh-colored, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable .....**Pkt. 10c**

AMPELOPSIS

"Boston Ivy," or Japanese Ivy, is a most beautiful climber, clinging very firmly to a side of a house or wall. H.P.

236. Veitchi .....**Pkt. 10c**

CANARY BIRD FLOWER

237... One of the most beautiful of climbers, with delicate foliage and curious bright-yellow flowers, resembling the canary bird in shape and color.....**Pkt. 5c**

CLEMATIS

Well-known and universally admired climbers, some of the varieties being remarkable for the beauty of their blossoms. Fine for covering arbors, verandahs, etc., as they cling readily to almost any object. Most of the kinds are hardy, herbacious perennials, but some little protection in northern latitudes through winter is advised.

238. Choice Mixed .....**Pkt. 5c**

COLUMBIAN CLIMBER

239. The most superb of all climbers. A rapid grower; of easy culture and always a mass of exquisite green, showing no bare spots. It produces large and handsome bell-shaped blossoms in the greatest abundance. It is also a very fine house climber, and will do exceptionally well running over windows, etc. An abundance of beautiful flowers, green at first, but rapidly changing to a beautiful deep violet-blue. A well-established plant will run from 30 to 40 feet in a season. It grows and flourishes everywhere. H.A. .....**Pkt 10c**

COBAEA

One of the finest of all climbers, and equally good for out-of-doors or for house culture. Plant seed edgewise in a moist but not wet soil, cover to prevent evaporation, and do not water again unless soil becomes very dry. When seedlings appear water with great moderation until out of the seed leaf.

240. Scandens—Bluish Purple..**Pkt. 10c**

EVERLASTING PEA

No praise can be too high for this lovely ironclad vine that blooms constantly from early summer until late autumn, minding neither heat nor cold, rain or drought. Easily grown, perfectly hardy, and so beautiful that we never saw a person who did not admire their cheerful flowers and clear green foliage. While lacking the delicious fragrance of the sweet pea, they are equally as beautiful. They live year after year, bearing magnificent clusters of flowers. Perfectly hardy, and grow 8 to 10 feet high.

241. Lathyrus. Mixed .....**Pkt. 5c**

SCARLET RUNNER BEANS

242...A great favorite in England and the continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms; grows 10 to 15 feet high. **Lb. 35c, Pkt. 5c**

Try the Hyacinth Bean this year. Its one of the best climbers grown.

HYACINTH BEAN

245. One of the showiest annual climbers. The vines grow about 10 feet high. The Sweet Pea-like flowers are borne in unusually long clusters, and are of the purest white and brightest purple, changing to darker shades as they age. Some of the flower stems are over a foot long, with blossoms in all stages of maturity. The flowers are followed by bronzy purple seed pods; the whole forming a mass of varied colors and beauty.....**Pkt. 5c**

MORNING GLORY

251. Imperial Japanese — Wherever climbers can be grown these should have a prominent place. They are beyond question the handsomest of all Morning Glories. Of the easiest culture they soon cover a large area, being of strong, rapid growth. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow-white to black purple, with all the possible intermediate shades. There is also an endless number having flowers spotted, marbled striped, flaked, splashed, etc. H.A. .....oz. 15c; **Pkt. 5c**

WILD CUCUMBER

262. A well-known vine, common in many sections, and the quickest climber known for covering verandahs, old trees and houses, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color, never infested with insects and very profuse in bloom. It will sow itself and comes up every year in the same place .....**Pkt, 5c**

HUMULUS (Japanese Hop)

243. Japonicus Variegatus — A strikingly beautiful annual climber of exceedingly rapid and dense growth, attaining a height of 18 to 20 feet in a few weeks' time. Leaves are rich green, blotched and marked with gray. Is fine where a quick growing and densely leaved climber is desired. Valuable for trellis and high places..... .....**Pkt. 10c**

244 Japonicus—One of the most rapid climbers grown. Seed can be sown in the open ground in spring and will attain enormous dimensions very quickly. The foliage is luxuriant, and is one of the best plants for covering verandahs and trellises; heat, drought and insects do not trouble it in the least.....**Pkt. 5c**

Humulus (Japanese Hop)

See Novelty List for new varieties of Flowers—They are up-to-date.

NASTURTIUMS

(Tall or Climbing)

Among the easiest grown and prettiest of climbers for fences, trellises, etc., quick running, 6 to 12 feet, thriving well even on poor soil. Fine bloomers, and the green seed pods make excellent pickles.

247. Mad. Gunther's Hybrids—It is impossible to describe all the different colors, but some of the most striking are as follows. white shaded carmine; white with red blotches; shrimp pink with deep maroon throat; shrimp pink, self-color; bright rose; bright yellow; orange, etc., ...¼ lb. 60c; oz. 20c; Pkt. 10c

248. Tall Chameleon—This beautiful new variety has the wonderful property of producing flowers of many distinct colorings upon the same plant. These flowers are variously blotched, splashed, striped and bordered in rich, contrasting shades..... .....¼ lb. 40c; oz. 15c; Pkt. 5c

249. Golden Climber—A splendid climbing Nasturtium, with beautiful golden-colored leaves and brilliant scarlet blossoms; is of the most striking oddity and beauty and will attract the widest attention. The bright-colored blossoms, mingled with the charming light yellow leaves produce a pretty effect...Oz. 25c; Pkt. 10c

250. D. & H.'s "Paramount"—We call special attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums. The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap, while the other combinations are simply superb..... .....¼ lb. 30c; oz. 10c; Pkt. 5c

ORNAMENTAL GOURDS

253. Ornamental Pomegranate or Queen Anne's Sweet-Scented Pocket Melon. A very curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantel it imparts a delicious fragrance; served with sugar it makes a dainty dessert.....Pkt. 5c

254. Towel of Luffa—Many ladies prefer a dish-cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left... ..... Pkt. 5c

255. Sugar Trough—They have thick shells, which are very light and durable... ..... Pkt. 5c

256. Dipper — Valuable for household purposes, makes an excellent dipper..... ..... Pkt. 5c

257 Japanese Nest Egg—Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet and therefore make the best nest eggs....Pkt. 5c

258. Hercules Club—Grows 3 to 4 feet long .....Pkt. 5c

259. Large Bottle—Handsome and useful .....Pkt. 5c

260. Mixed Varieties—Produce all kinds of eccentric fruits .....Pkt. 5c

PASSION FLOWER

One of the most desirable of all climbing plants. Sow seed early and, if well cared for and seasons are favorable, vines will send out magnificent blossoms the first year. Its color is odd, comprising a combination of blue, pink and white, which is beautiful, very large and showy, of a feathery and velvet-like appearance. Vines begin to throw out blossoms when one or two feet high, followed in the fall by beautiful golden fruit about the size of a hen's egg. If left in the open ground in winter it must have some protection.

261. Mammoth .....Pkt. 10c

This Collection of 27 Pkts. (one of each) for $1.00 postpaid.

CULTURE HINTS—We are often asked, "What treatment of culture shall I give my Sweet Peas that I may grow them successfully?" It is almost impossible to give instruction that will cover every locality, as much depends upon soil, situation, etc. However, by following the general hints which we give herewith, modified by your own judgment to suit the local conditions, you should be able to grow good Sweet Peas. Plant early in rows north and south—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well-rotted manure; fill 4 inches of trench with fine soil, and sow the peas, covering 1 inch deep (if about April 1st) in two rows about 10 inches apart, seeds 2 inches apart in rows; if planted later cover deeper. When well up fill in the earth gradually as they grow, until the trenches are full. The object is to get the roots well down, so that they may resist drought. Give plenty of water, pick the blooms without stint, and do not let run to seed. Use brush or trellis 5 or 6 feet high.

The following varieties: Pkt: 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 40c; lb. $1.25, postpaid.

263. Apple Blossom—Rosy pink, blending with white.

264. Aurora—Flaked orange-salmon; large, expanded standard.

265. Blanche Burpee—Large, pure white

266. Blanche Ferry, extra early —Deep rose pink, white wings.

270. Countess Cadogan — Bright violet wings blue.

272. Crown Jewel — Rosy violet wings, creamy white.

274. Duke of Westminster — Maroon, overlaid violet.

275. Duke of Sutherland—Deep claret.

280. Golden Gate—Pinkish-mauve, and lavender.

282. Gorgeous — Rich orange salmon; wings deeper shade.

283. Katherine Tracy — Brilliant pink, free bloomer.

284. Lady Mary Currie—Salmon-orange, wings deeper.

285. Lady Nina Balfour—Most delicate mauve; superb.

286. Lady Grisel Hamilton—Best of all lavender sorts.

291. Mrs. Dugdale—Bright rose, shaded pink.

293. Othello—A beautiful dark chocolate-red, self-color.

296. Salopian—The best crimson-yellow.

436. Evelyn Byatt—Orange rose

437. Helen Pierce — Mottled blue on white.

438. King Edward VII.—Bright red.

439. Lord Nelson or Brilliant Blue — Deep navy blue.

440. Lottie Eckford—White shaded lilac and blue.

441. Prince Olaf — Bright blue and white, striped.

442. Prince of Wales—Rose crimson.

443. Queen of Spain—Buff pink.

444. Scarlet Gem—Bright scarlet.

483. Stella Morse—Buff, tinted pink.

This list includes the cream of all the Eckford Sweet Peas in cultivation.

"GOLD MEDAL"

MIXTURE SWEET PEAS

299. All bright colors in proper proportions, mixed from 30 standard-named Sweet Peas offered on this page. A row of our mixed Sweet Peas in bloom is bright and varied in coloring, and particularly pleasing, and vastly superior to many mixtures sent out. **Pkt. 10c; oz. 25c; 2 ozs. 45c; ¼ lb. 60c; lb. $2.00. postpaid.**

RED, WHITE AND BLUE SPECIAL.

MIXED SWEET PEAS

300...This is a special mixture, composed of equal parts of the best red, the best white, the best blue. The most superior mixture ever offered to the public. Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 45c; lb. $1.50, postpaid.

301. Light Colors, Mixed—To supply the demand where light colors only are wanted. **Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 40c; lb. $1.35, postpaid.**

302. California Giant, Mixed—Delicious perfume; exquisite colors. **Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 50c; lb. $1.50; postpaid.**

EVERLASTING FLOWERS

Flowers of eternal beauty—those which never fade—are offered on this page. They are unsurpassed for winter decorations, and may be made up into bouquets, baskets, vases, etc. Seed to be sown as soon as ground is warm and the weather is settled, in good rich soil, and thinned out or transplanted to 12 inches apart. The flowers should be cut as soon as they come into full bloom, tied in small bunches and dried slowly in the shade, with the heads downward to keep the stems straight. The following varieties are exceptionally beautiful, and you will do well to include them in your order.

ACROLINIUM

1 Probably the most beautiful everlasting known. Flowers pure pearly white or an exquisite soft, clear shade of pink, with bright golden centre. Half-hardy annual. Height 1 foot.

312. Mixed Colors—Very fine .....Pkt. 5c

AMMOBIUM

4. A very useful Everlasting Plant, robust, and great bloomer. Flowers pure white and very double. Be sure to cut plenty of buds, as they dry beautifully and are useful to contrast with the full blown flowers. Hardy Annual. Height 2 feet.

313. Alatum .....Pkt. 5c

GOMPHRENA

Or Globe Amaranth

2. Remove cottony covering before planting. Plants bear great quantities of clover-like blooms, although different from any other variety, and very attractive buds as well as full-blown flowers. Tender annual. Height 2 feet.

314. Finest Mixed .....Pkt. 5c

XERANTHEMUM

Of compact habit, free flowering and of the easiest cultivation. The leaves are covered with a silvery down, and the flowers are of the prettiest colors. Hardy annual. Height 1 foot.

315. Choicest Mixed.....Pkt. 5c

HELICHRYSUM

Often Called the Eternal Flower

3. One of the most useful of all Everlastings to grow. Very hardy, blooming until late autumn. The white and light colored varieties color easily and are often dyed in shades not otherwise obtainable in Everlastings and used in wreaths, crosses and other emblems. Hardy annual. Grows 6 inches to 2 feet.

316. Monstrosum — Brightest colors very large, mixed .....Pkt. 5c

317. Double White — Beautiful pure white .....Pkt. 5c

318. Dwarf—Finest mixed.....Pkt. 5c

RHODANTHE

One of the finest and most beautiful of the many varieties of Everlastings. Retains its brilliancy of colors for years.

319. Finest Mixed .....Pkt. 5c

ORNAMENTAL GRASSES

The Everlastings would be quite useless without their setting soft, pretty grasses in winter bouquets and other ornaments. Grow a good quantity of the elegant grasses. Many of them are quite ornamental in the garden, and all are useful for cutting for summer bouquets, as well as drying for winter, or for dyeing. The same culture, etc., as for Everlasting Flowers will apply to Ornamental Grasses.

AGROSTIS— Elegant, fine feathery variety. Hardy Annual. Height 18 inches.
320. Fine Mixed .....Pkt. 5c

BROMUS— Handsome variety with beautiful drooping panicles. Hardy Annual. Height 18 inches.
321 Brizaeformis .....Pkt. 5c

BRIZA— Often called Quaking Grass. Very ornamental variety, with large racemes of beautiful rattles. Hardy Annual. Height 18 inches.
322. Maxima .....Pkt. 5c

CHRYSURUS— 4. Magnificent variety with yellowish feathery spikes. Hardy Annual. Height 12 inches.
323. Cynosuroides .....Pkt. 5c

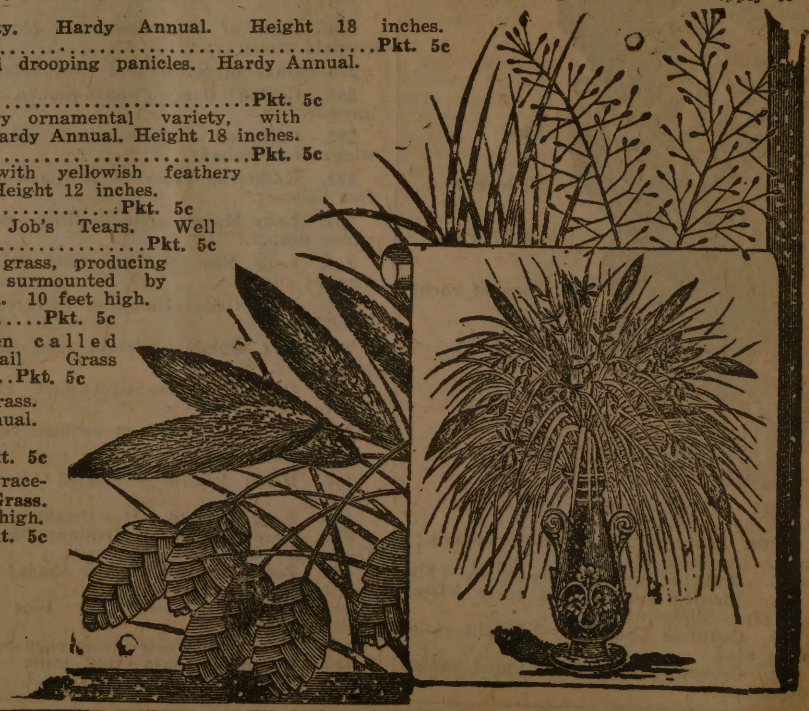
COIX LACHRYMA—**324.** Often called Job's Tears. Well known favorite .....Pkt. 5c

GYNERIUM— 2. Magnificent ornamental grass, producing numerous flower stems, surmounted by plumes of silver inflorescence. Half-hardy Perennial. 10 feet high.
325. Argenteum, or Pampas Grass.....Pkt. 5c

HORDEUM JUBATUM— **326.** Often called Squirrel-Tail Grass Very fine. A.A. Height 18 inches.....Pkt. 5c

LAGURUS— Often called Hare's Tail Grass. Splendid variety. Hardy Annual. Height 18 inches.
327. Ovatus .....Pkt. 5c

STIPA PENNATA— 3—An exceedingly graceful sort. **328. Or Feather Grass.** Half-hardy Perennial. 12 inches high. ..... Pkt. 5c



FOR OUR NEW VARIETIES OF FLOWER SEEDS, SEE NOVELTY LIST

Many persons take great pleasure in growing plants from the seed, and as most of these seeds are small, they require care in sowing. Most of the plants in this department come from warm, moist climates, so we must supply similar conditions artificially. To do this without a greenhouse, sow the seeds in boxes or large pots, make a compost of three parts rotted sod and one part fine sand. This makes a rich soil that will not bake. Sow the seed on the surface, then sift a little fine earth over them and water gently through a fine sprayer; lay a piece of glass over the top and put the boxes or pots where they may have ordinary warmth and light, but no direct sunlight. When the plants are up they must have a little air and sunshine, or they will become mouldy and decay near the surface of the ground. The satisfaction derived from the cultivation of house plants is not alone in seeing them bloom. There is a joy in seeing them grow and develop day by day, and the one who starts a plant from seed and rears it up to bloom gets pleasure in plant culture.

ASPARAGUS

329. Plumosus Nanus—This graceful climbing Asparagus has foliage finer that the most delicate fern, and will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions .....Pkt. 25c

330. Sprengeri (Emerald Feather)—One of the best plants to grow in suspended baskets for greenhouse or for outdoors in the summer. The fronds frequently grow 4 feet long.....Pkt. 25c

BEGONIAS

Are among the most beautiful window plants; of exceedingly easy culture, producing a profusion of elegant flowers. The seed is fine and will need great care in sowing. Plants often bloom in six or eight months from time of sowing.

331. Tuberous Rooted, Single Mixed .....Pkt 25c
332. Tuberous Rooted, Double Mixed.....Pkt. 35c

CACTUS

Latest craze in flowers. Very curious and odd looking species of plants which will thrive anywhere with little or no care. But little watering is required. The wonder and attraction of all.

333. Choicest Mixed.....Pkt. 15c

CALCEOLARIA

These belong to the showiest of greenhouse plants. Magnificently marked pocket-shaped flowers. T.P.

334. James' Giant Strain—The largest grown .....Pkt. 35c

CENTAUREA

(Dusty Miller)

Extensively used for margins, beds and vases.

335. Candidissima — Silvery cut leaves. 1 foot .....Pkt. 10c
336. Gymnocarpa — Silver gray leaves. 1 foot .....Pkt. 10c

CINERARIA

Magnificent flowering plant for greenhouses or conservatory. Bears large clusters of flowers in shades of white, blue, etc.

337. James' Giant Prize, Mixed.Pkt. 35c

COLEUS

338. MAMMOTH RAINBOW — The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet, the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich. H.H. P. .....Pkt. 25c

CHRYSANTHEMUM

Chrysanthemum seed sown in the spring will produce large and vigorous plants in the fall, which will give a profusion of fine flowers, even more than old plants. The great beauty of a collection of seeding Chrysanthemums cannot be appreciated until it is seen.

339. Finest Show Varieties—The chrysanthemum of the exhibitions. H. P. Pot or borders. Height 3 ft. .....Pkt. 15c

340. Finest Japanese Variety—A novel section with large blossoms diffusely formed. Height 3 feet .....Pkt. 25c

CYCLAMEN

Charming bulbous rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers. Favorites for winter and spring blooming. H.H.P.

341. Persicum Giganteum — Flowers of extraordinary size; foliage beautifully marked .....Pkt. 25c

FERNS

Ferns are exquisite for table or drawing-room decorations, wardian cases hanging baskets for rockeries. Spores are very fine and should be surface sown on sifted soil and covered with glass. If sown in shallow pot saucers, necessary moisture can be supplied by placing a saucer of soil inside of a larger saucer that has been filled with tepid water

342. Finest Varieties. Mixed..Pkt. 15c

FUCHSIA

The Fuchsia is as early grown from seeds as from cuttings. From seed many new varieties are obtained. Flowers freely the first year in the open ground, while plants can be taken in the house in the winter, where they will flower still more freely. The seed offered has been saved from the very finest single and double varieties. H.H.P.

343. Choicest Mixed, Double and Single ..... Pkt. 25c

GREVILLEA ROBUSTA

(Or Silk Oak)

344. One of the quick-growing or ornamental house plans. It is easy to manage, grows rapidly from seed, pretty in all its stages of growth. Its long drooping, silky foliage reminds one of a palm or fern.....Pkt. (20 seeds) 15c

GLOXINIA

Lovely pot plant, easy to grow and care for. The handsome, bell-shaped flowers embrace a great variety of the richest and most beautiful colors, ranging from pure white to dark blood-red, pink blush, lavender, indigo-blue, marble and spotted. Bloom in 4 or 5 months. Tender perennial.

345. Large Flowering, Mixed..Pkt. 25c

HELIOTROPE

A well-known and popular plant, fine for bedding, vases, baskets and for pot culture in winter. Exceedingly beautiful.

346. Grandiflora, Mixed.....Pkt. 10c

IMPATIENS

One of the prettiest plants for pot culture and also outdoor planting in a half-shaded situation; remarkable for long blooming.

347. Sultani — Rosy carmine flowers; distinct and beautiful plants for window culture, splendid in garden.....Pkt. 15c

LANTANA

Very rapid growing, with large heads of variously colored flowers, emit a powerful aromatic perfume; continually changing color.

348. Choice Mixed — White, rose and yellow; parti-colored blossoms. H.H.P. ..... Pkt. 10c

PRIMULA SINENSIS

(Chinese Primrose)

Many persons seem to think Primulas are successfully propagated only in greenhouse; hence we find amateurs often reluctant to attempt their culture. Easily grown if the right conditions are observed.

349. Frimbriata, fl. pl., Mixed —Double fringed, a new feature in Primulas, varying shades. T.P. 1½ ft.....Pkt. 35c
350 Frimbriata—Single fringed mixed ..... Pkt. 25c

351. Obconica, New, Large Flowering—This is one of the most useful flowering plants. If sown early in the spring, the seedlings will commence to bloom in May or June and continue to flower throughout the whole year .....Pkt. 15c

352. Forbesi (The Baby Primrose)—It begins to bloom in three months after sowing, produces flowers for ten months in succession. The flowers are very graceful, not quite half an inch across, and are a most pleasing rose color, with a yellow eye .....Pkt. 10c

SMILAX

No climbing plant in cultivation surpasses this for graceful beauty of foliage. In cut flowers and for wreaths, etc., it is indispensable to florists. Its hard texture enables it to be kept several days after being cut without wilting.

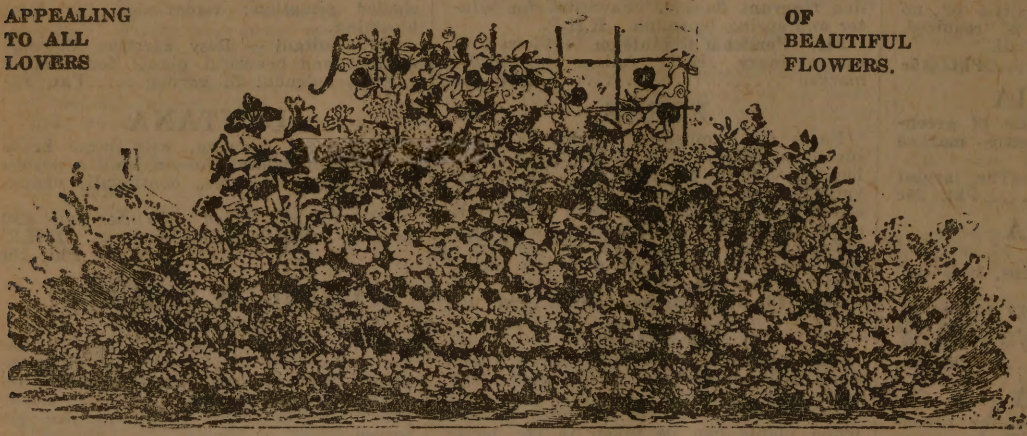
353. Boston Similax Oz. $1.00,Pkt. 10c

Have your neighbor join you. A premium with every order for $1.00 or more.

446. Our School Garden Flower Mixture has now become so well known that it will sell on its merits to all who have tried it and seen it. It has interested thousands and proven a revelation to all who have grown it by the **great variety of flowers it contains.** It embraces not only all the popular annuals best known to this country, but a great many rare and new sorts gathered specially for this mixture from all parts of the earth. **It is no exaggeration to say that it would be impossible to take a $2.00 bill and buy flower seeds in separate packages representing one-half the real value of the seed contained in this mixture.** This mixture, wherever grown, attracts so many inquiries and has proven such a novelty, that for advertising purposes it is worth a great deal to us, and we want to place it as widely as we can. It is of such unprecedented value for the money that everyone who receives this catalogue should at least try a package of this school garden flower mixture. **Your money back if you write us before January 1st, 1917, that it has not proven all and more than you expected. .TRY IT THIS YEAR. ONLY 25c FOR LARGE PACKAGE.**

SPECIAL MIXTURE OF FLOWER SEEDS

APPEALING TO ALL LOVERS OF BEAUTIFUL FLOWERS.



Many persons derive pleasure from watching the growth of a varied bed of flowers entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following SPECIAL MIXTURES will prove exceptionally desirable.

TALL GROWING ANNUALS

354. This mixture embraces seed of many of the handsomest annuals—all tall growing varieties of superior merit—none less than one foot high and many growing five to six feet high. The pleasing effect and profusion of flowers which this desirable collection will give is indescribable, particularly for backgrounds, borders and mass bedding.....**Liberal Pkt. 10c**

MIXTURE OF FOLIAGE PLANTS

355. This mixture is made up of those annuals which are grown almost exclusively for their beautiful variegated silver, golden or bronze foliage. The effect which they present is grand beyond description, whether used for mass bedding, ribbon or border purposes..... .....**Liberal Pkt. 10c**

LOW GROWING ANNUALS

356. This mixture contains seeds of the greatest number of low-growing annuals ever blended. Few exceed four or six inches in height, and when sown in beds or borders, present the appearance of richly-colored Turkish rugs, carpeting the ground in their wide range of colorings and forms so beautifully that nothing more remains to be desired. By all means do not overlook this when making out your order .....**Liberal Pkt. 10c**

MIXTURE OF FRAGRANT ANNUALS

357. Carefully prepared from seeds of fragrant flowers only. A bed of these will really give an unlimited amount of pleasure and perfume throughout the day and evening, while many of them are suitable for cut flower purposes. Try this mixture and you will be repaid many times over for the time and money which you expend on it.....**Liberal Pkt. 10c**

MIXTURE OF CLIMBERS

358. This is a liberally filled packet of seed of many beautiful annual climbers, which will prove most useful for covering outhouses or growing upon trellises..... .....**Liberal Pkt. 10c**

EVERLASTING AND ORNAMENTAL GRASSES

359. All the annual varieties of each, many of them being really handsome in growth, and all of them desirable for house decoration during the winter months .....**Liberal Pkt. 10c**

MIXTURE OF BIENNIALS AND PERENNIALS

360. The great variety contained in this mixture will make a grand display the second year, and many of them will bloom year after year...**Liberal Pkt. 10c**

WILD FLOWER GARDEN MIXTURE

361. These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadside, railroad embankments, and for sowing alongside of fences and on any untidy bare spots of ground which are so frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer .....**Liberal Pkt. 10c**

All of the above mixtures are carefully prepared from choice, fresh seeds, and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained for such small cost.

Vegetable Seeds

In the following pages we have endeavored to list the cream of all varieties known, weeding out many of them still advertised by other seedsmen, but which our extended tests at FLORADALETRIAL GROUNDS have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offering as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our catalogue, the probability is much greater that we have tested it and found it of little or no value than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all our customers.

Seeds Prepaid by Mail Please bear in mind that the prices in the following list include payment of postage by us on all seeds offered by the packet, ounce or quarter pound, unless otherwise noted. Thus you have only to send the catalogue price, and we guarantee safe delivery by mail, postage prepaid.

Order Early Please order as soon after you get this catalogue as possible, and then you will have your seeds at hand when you want them; besides, if you want heavy seeds in large quantities they can be sent by freight very cheaply.

Avoid Mistakes When making out your order for garden seeds, do not be influenced by bulky catalogues, impossible pictures and extravagant description. Common sense is said to be the best manure the gardener can use, and it commences in the selection of seed. Use your common sense and don't be influenced by statements which won't bear the test of the garden.

Market Gardeners Or other large planters requiring larger quantities of seeds than are here offered are invited to write for our SPECIAL LIST. This list we cannot send to private gardeners even if they apply for it, as it is intended only for those who grow for market. In writing, please state whether you are a market gardener, florist or dealer in seeds.

CONDITIONS OF SALE—Darch & Hunter Seed Co., Ltd., give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs, plants, etc., they send out, and they will not be in any way responsible for the crop. All seeds bought from them must be accepted on these conditions.

ASPARAGUS (French—Asperge)

The roots may be removed to the permanent bed when one or two years old. Select deep, rich mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be twelve inches below the surface of the ground in rows two feet apart, and one foot apart in the row. The bed will produce shoots fit for cutting the second or third year after transplanting. One ounce of seed to sixty feet of drill.

D. & H.'s Leviathan, the King of All Asparagus—It is superior in every way; larger, earlier, a strong, quick grower, a more prolific and continuous yielder, the stalks large and uniform under ordinary culture, average nearly an inch in diameter, retaining their thickness up to their plump tips. Bunches of 15 shoots measure 13½ inches in circumference and weigh about two pounds. For quality it is peerless, meltingly tender and full of delicious flavor. It is equally adapted to all sections; is less susceptible to the Asparagus disease than any other variety. **Pkt. 10c, oz. 20c, 2 ozs. 35c ¼ lb. 65c.**

Columbian Mammoth White — An entirely distinct variety, producing shoots which are white, and remain so as long as fit for use. In addition to the advantage of its white color, it is even more robust and vigorous in habit, throws larger shoots and fully as many of them as Conover's Colossal. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.15.**

Barr's Mammoth—The stalks are very large, frequently an inch in diameter, with few scales, and retain their thickness completely up to the top scales, and retain their thick, round heads. They are quick growing, stalks very tender and succulent, entirely free from woody fibre and make shoots fit for market or family use. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.15.**

ASPARAGUS ROOTS

A saving of two or three years is effected by planting roots. Those offered below are select, strong, two-year-old roots, and we are confident they will please you in every way. Don't be misled by planting one-year-old of inferior roots. Columbian Mammoth White, Palmetta, Conover's Colossal, Donald's Elmira, doz. 25c, 25 for 45c, 50 for 85c, 100 for $1.50, postpaid. Special prices on 1,000 or more on application.

Brussels Sprouts

(French—Chou de Bruxelles)

Plant in rich soil in hills two feet apart each way, and thin to one plant to the hill. One ounce to 2,000 plants.

"Dalkeith Park"—These little heads of compactly folded leaves develop along the stalk and are ready for gathering from May-sown plants the same season, furnishing a supply of this most delicious of vegetables during fall and early winter, for the plants are hardy and maintain their sprouts even during quite severe weather; in fact, frost greatly improves their quality and flavor. **Pkt. 10c, oz. 50c, 2ozs. 85c.**

Improved Dwarf—Pkt. 10c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.25.

Scotch Kale

(French Chou vert frise)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep, rich soil, and cultivate same as cabbage. The tender leaves are used as cabbage. One ounce to about 2,000 plants.

Dwarf Curled—Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.

Broccoli

(French—Chou Broccoli)

The Broccoli are closely allied to the cauliflower family; so nearly that the White Cape variety is sometimes classed with cauliflower. They require similar cultivation and treatment.

Improved White Cape — Large and very white. **Pkt. 5c, oz. 50c, 2 ozs. 85c**

BEANS—Dwarf, Snap or Bush

(French—Haricot Main)

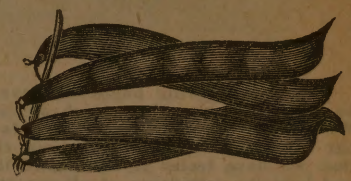
Select light, warm soil, and plant when danger of frost is past in the spring in drills 2½ to 3 feet apart in the drill and covering 1 inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to 150 feet of drill. Two pounds of beans to one quart.

Good as Gold—A prolific and continuous bearer. The first in spring—the last in fall. Absolutely stringless—very tender and of delicious flavor.

The crowning merit of this grand Bush Bean is in the rich, golden yellow pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, and of high quality, meltingly tender and having a delicious flavor exclusively their own; moreover, the pods are absolutely stringless and entirely free from any tough membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity.

This variety, while unrivalled in its class for the home garden, will be in great demand among market gardeners who will find that its handsome appearance and luscious quality "hold their customers." **Price, Pkt 10c, ½ pt. 20c, pt. 35c, qt. 60c, postpaid.**

Kentucky Wonder.



The Hudson Wax—The Hudson will produce at least twice as many pods as any other wax bean we have ever tried. The vines grow about two feet tall and are covered from top to bottom with long, slender, bright yellow pods of first-class quality. The vines are of such great vigor and are so free from rust or blight that when the pods are kept picked they will bear for a long time and produce a wonderful amount of beans during the season. **Pkt. 5c, lb. 40c, postpaid. By express at purchaser's expense, 5 lbs. $1.25.**

The Longfellow—Long, green pods, always solid, tender and of delicious flavor. This extra early variety is an ideal snap bean, a prolific producer of perfectly round, straight, solid, fleshy pods, averaging 6½ inches long, wonderfully tender and brittle, without a trace of string when broken. **Pkt. 5c, lb. 30c postpaid. By express at purchaser's expense 5 lbs. $1.00.**

Davis' White Kidney Wax—Pods remarkably long, straight and of a handsome, waxy white color; enormously productive. Seed white. **Pkt. 5c, lb. 45c postpaid.**

Prolific Dwarf Black Wax—An improved strain of Black Wax of more vigorous habit and far more productive. Pods waxy yellow with slightly curled point. **Pkt. 5c, lb. 40c postpaid.**

Keeney's Rustless or Improved Golden Wax—Pods thick, meaty, well-filled, rich yellow, fine quality. **Pkt. 5c, lb. 40c, postpaid. By express at purchaser's expense, 5 lbs. $1.25.**

Golden-Eyed Wax—Brittle, entirely stringless, rich color. **Lb. 40c, postpaid. By express at purchaser's expense, 5 lbs. $1.25.**

Wardwell's Kidney Wax—Extra early, long-flat, free from rust. **Pkt. 5c, lb. 45c, postpaid. By express at purchaser's expense, 5 lbs. $1.50.**

Long Yellow Six Weeks—One of the earliest green podded varieties. **Pkt. 5c, lb. 30c, pospaid.**

White Marrowfat—Grand shelled bean for winter. **Pkt. 5c, lb. 30c, postpaid.**

POLE OR RUNNING VARIETIES

(French—Haricots a Rames)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil and do best in a sheltered location. One quart to 150 poles.

Kentucky Wonder—Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white, pods green, very long, often reaching 9 to 10 inches; nearly round when young, and crisp. **Has no equal.** An early and very profitable sort, with showy pods which are most excellent for snaps. **Pkt. 5c, lb. 35c, postpaid.**

Dreer's Improved Lima—A bean of very peculiar shape; thick and plump. The vines are very productive, and the pods always well filled. The beans are of the most delicious quality. When green they nearly equal the large Lima in size, but are thicker, sweeter and more tender. They remain green in the pod a long time after maturing. The type represented by Dreer's Lima is a valuable one. **Pkt. 5c, lb. 40c, postpaid.**

Dutch Case Knife—long, green and flat; excellent to grow on corn. **Pkt. 5c, lb. 35c, postpaid.**

Scarlet Runners—A popular English bean; very ornamental climber and a grand cooker. **Pkt. 5c, lb. 40c, postpaid.**

ENGLISH BROAD BEANS

Taylor's Improved Broad Windsor.

This class is very hardy and will stand frost. They should be planted as early as possible after the ground is open, in drills two feet apart and four inches apart in the drills. A strong, heavy soil suits them best.

Taylor's Improved Broad Windsor—A splendid, most robust and wonderfully prolific variety, which appears to miss mildew and the attacks of the bean aphis better than any other broad bean now in cultivation. The pods, which are produced in the utmost profusion, are very large and handsome, each containing from six to eight large, thick and very fleshy beans of the most delicious flavor and of the deepest and most attractive green color when cooked. It is undoubtedly the most valuable variety yet offered. **Pkt. 10c, lb. 40c, postpaid.**

BEET

(French—Betterave)

Select a deep, rich sandy loam and manure well with decomposed compost. Sow in drills 14 to 16 inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use sow as soon as ground can be worked in the spring, for autumn use about the middle of May, and for winter use about the 20th of June, according to variety, the long varieties requiring more time to mature than the round early kind. One ounce will sow 50 feet of drill. When sown late, increase the quantity of seed. To preserve during winter cover with earth to keep from wilting. When cooking, boil new beets one-half hour and old ones two hours or more.

London Market.

BLACK KNIGHT—The Ideal Table Beet, fine-grained, rich red flesh, exceedingly tender, remarkably early. Combines more good qualities than any other round beet.

The Black Knight is a thoroughbred in every respect, running remarkably uniform in shape and size, with smooth, dark red skin, small leaves closely set in the centre and a small, slim tap-root. The flesh is fine-grained and tender, free from woodiness and of a delicious, sugary flavor; color rich red. The roots remain in fine condition a long time after maturity. We cannot too highly recommend our Black Knight Beet to customers wanting the best extra early beet. **Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.50.**

London Market—One of the best for general cultivation. It is symmetrical in form with a few fibrous roots and small top. It is larger than Egyptian, age for age, and continues to grow for a long period, making a large beet for autumn or winter use. Only one sowing is necessary to produce early beets for market and a main crop for winter use. Both the inside color and outside color is deep blood red. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**

Black Knight.

D. & H.'s Alpha—A variety of the blood turnip type. It follows the Eclipse. Has the darkest of flesh, large size, beautiful shape, which is between round and flat, clear skin, small top and single taproot, and differs from all other dark blood sorts in that it has the sweetness of the Bassano, which was acknowledged the sweetest beet grown. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**

Crosby's Egyptian.

Dirigo Turnip—A critical comparison between the Dirigo and Crosby's Egyptian, raised side by side, is what customers want, as these two beets are competitors for the early market and altogether a most desirable variety for the market gardeners, combining those most desirable qualities, color, shape, size and earliness. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**

Dirigo Turnip.

Also the following varieties, which are too well known to need any description, at the uniform price of: **Pkt. 5c, oz. 15c, 2 ozs. 30c, ¼ lb. 50c, lb. $1.50.**

Long Dark Blood-Red Improved.
Eclipse Blood Turnip.
Crosby's Egyptian Blood Turnip.
For Sugar Beets, See Agricultural Seeds.

Asparagus Beet.

ASPARAGUS BEET, or SUMMER SPINACH

A distinct vegetable and much superior to the common beet for greens and equal to spinach. Sown early in the spring in rows 16 inches apart, and the seedlings afterwards thinned out to 6 inches in the rows, it makes rapid growth of leaves and is fit for use for greens sooner than any other variety. For summer use we consider it much superior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. It is of almost same flavor and is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautiful, white, waxlike stems and mid-ribs, which may be cooked like asparagus or made into most attractive pickles. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c.**

SPINACH BEET

"GIANT LUCULLUS"

The stalks are as thick and broad as rhubarb. The plants grow to a height of from 2 to 2½ feet and the stalks are from 10 to 12 inches long below the leaf. These stalks are delicious when cooked, and should be served in the same manner as stewed celery and asparagus. The leafy portion of the "Giant Lucullus" is heavily crumpled or savored and is very crisp and tender. The leafy portion of the foliage is cooked and served in the same manner as spinach. **Price, pkt. 10c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c.**

Cress or Pepper Grass

(French—Cresson)

Plant on rich soil, pulverized, in drills six to eight inches apart. That grown in the cool of the season is the best quality. To be used as salad before the flowers appear.

Extra Triple Curle—A small salad, much used as lettuce. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 60c.**

WATER CRESS (Wasser Kress) (Cresson de Fountaine)—The pleasant and peculiar flavor of the water cress causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is a sufficient supply of fresh pure water; it is not even necessary that it should be running water. It can also be grown out of water, in tubs of good soil kept in a very shady place, if watered occasionally. Our packages contain full cultural directions. **Pkt. 10c, oz. 75c.**

CABBAGE

(French—Pomme de Chou)

The early sorts bear planting from 18 inches to 2 feet apart in the rows, with rows from 2 to 2½ feet apart; the large varieties to be from 2 to 4 feet apart in the rows, with the rows from 2½ to 4 feet apart, but the largest varieties can be planted at the last distance named and do well. One ounce to about 2,000 plants.

Swedish Giant—This fine late cabbage was originated in Denmark. It is low stemmed and produces large flat and compact heads. The heads are very heavy and results have proven that it gives 50 per cent. more weight than Danish Ballhead. Sureness in heading and regularity in growth have placed this at the top of the list. It is as natural for this cabbage to form a head as to form leaves, and from tests made, reports of 98 marketable heads from 100 plants are of frequent occurence. Nobody will be disappointed in this strain of winter cabbage. It is a standard sort for winter keeping, and sells readily in the winter and spring markets. **Pkt. 10c, oz. 30c, 2 ozs. 50c, ¼ lb. 85c.**

D. & H.'s Jumbo—We dispose of an immense quantity of this excellent cabbage, and from the multitude of testimonials we have received regarding this variety, we are led to believe that our efforts in introducing this grandest of all varieties are truly appreciated. It is grand—simply eclipsing everything of its kind in the market—999 out of 1,000 plants will produce marketable heads which are of mammoth size (often reaching the sensational weight of 60 pounds), sound, solid and of the most delicious flavor, crisp and white. It never bursts; has but few outside leaves, and is the best winter keeper. We control the complete stock of this variety. **Pkt. 10c, oz. 60c, 2 ozs. $1.10.**

Danish Roundhead (Danish Summer Ballhead)—The heads average slightly larger in size than those of the Ballhead, maturing about two weeks earlier, and are set on shorter stalks. They are extremely hard and solid, interior leaves blanched to the purest whiteness; of sweet flavor and crisp, tender texture. "Hard as a bullet and heavy as lead." **Pkt. 10c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.00.**

Early Stonehead—The large solid head is of a very distinct growth and appearance. It is exceptionally robust and hardy—well adapted both for an early summer crop and for late planting for fall and winter. The heads, each "solid as a stone," are particularly valuable for shipping. **Pkt. 10c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.00.**

Glory—Large, early, white, solid. For two seasons at our Floradale Grounds, this new cabbage from Holland attracted the favorable comment of every visitor by its absolutely uniformly, large, very solid heads. It is very early, but at the same time making fine, large, ball-shaped heads, particularly attractive for market purposes. Owing to its very rapid growth, the leaves are very tender, thin-ribbed and fine grained. The centre is white, with very few outer leaves. **Pkt. 5c, oz. 35c, 2 ozs. 60c, lb. $1.00.**

The following varieties are too well known to need any description. **Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c. Price per pound on application.**

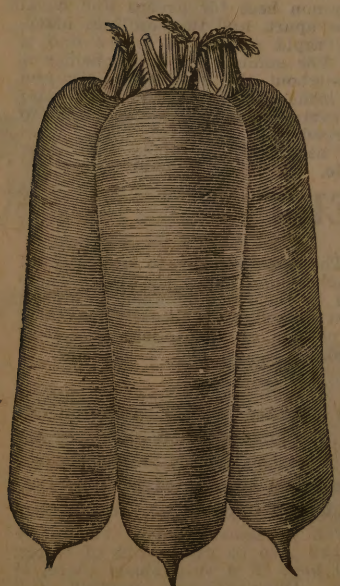
Charleston, or Improved Wakefield
Danish Ballhead
Early Spring
Mammoth Red Rock
Jersey Wakefield
Improved Large Drumhead Savoy
Early Winningstadt
Mixed Varieties (Early, Late and Red)

CARROTS

(French—Carrotte)

Carrots thrive best in rather light loam. The ground should be well manured with fine, well-rotted or composted manure, and be thoroughly worked, but deep. Plant in rows 14 inches apart and thin plants 3 to 5 inches in rows. Plant from the middle of April to the middle of May to insure crop, though good success is often met with if planted as late as the 10th of June. Keep very clean of weeds. One ounce will sow 150 feet of drill.

"CARROTS AND MANGELS," by Gregory, tells how to grow them profitably. **Price 35c, postpaid.**



Rubicon Half-Long.

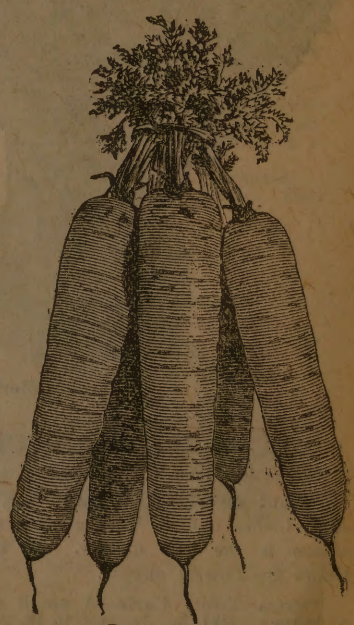
RUBICON HALF-LONG (3)—The best in shape, and its deep, orange-colored flesh the finest in quality of all. The strain was selected and perfected by a well-known market gardener of Connecticut, under whose care the carrots attained such uniform shape that they are almost exact duplicates of each other. It is a wonderfully heavy cropper, producing thirty or forty tons to the acre under good field culture. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sunburnt. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 85c.**

Peer of All. (4)—(Private stock)—This is certainly the best main crop carrot, and we strongly advise our customers to plant it. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor, so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which makes it invaluable to market gardeners. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 85c.**

Also the following varieties, which are too well known to need description, at the uniform price of: **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c.**

CHANTENAY HALF-LONG STUMP-ROOTED
SCARLET MODEL (2)
DANVERS HALF-LONG
GUERANDE OR OXHEART (5)

Prices on Carrots by the pound or more quoted on application.



Peer of All.

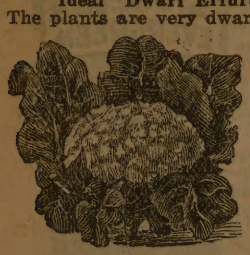
CAULIFLOWER

CULTURE—For spring and early summer crop sow in March or early in April in hotbed, and transplant to cold frame when sufficiently large, and to open ground as soon as hard freezing is over. The soil should be like that for cabbage. Give thorough cultivation and keep free from worms with Hammond's Slug Shot. It should be borne in mind that cauliflower will not head up good in hot, dry weather, and hence the sowing should be regulated so as to bring it in either early summer or late fall. After the heads begin to form draw the leaves over them and pin or tie them together to protect them from the sun and keep them white. One ounce to about 2,000 plants.

DANISH GIANT, OR DRY WEATHER — Originated in the same locality in Denmark which produced the Snowball. The heads are extra large in size, pure white and very solid. It is about ten days later than the Snowball, but has proven much more desirable for growing in the open ground and does well in dry seasons when other varieties show failure, keeping plump and fresh during the hottest, driest weather. One grower, whom we believe to be the largest grower of cauliflower in the country, tested the Danish Giant. He claims he will hereafter grow no other. **Pkt. 25c, ¼ oz. 85c, ½ oz. $1.50, oz. $2.75.**

D. & H.'s Eureka— (Private Stock)—Earlier than the famous Snowball and every other variety. It is very dwarf and compact in habit of growth, like Snowball, and can be planted as close as 18 inches each way for forcing, or where space is limited. **D. & H.'s Eureka** is particularly desirable for forcing under glass, while in oven-air trials every plant has produced a head exceeding all other varieties in earliness. **Pkt. 25c, ¼ oz. $1.00, ½ oz. $1.75, oz. $3.25.**

"Ideal" Dwarf Erfurt—Will attain an enormous size under ordinary cultivation. The plants are very dwarf, and, while the outer leaves are erect, the inner ones lap over the heads so as to fully shade them from the sun, preserving them a beautiful snow-white. The plants can be set closely, and they grow and mature rapidly under favorable conditions. **Pkt. 20c, ¼ oz. 85c, ½ oz. $1.50, oz. $2.75.**



"Best of All"—Although no surer to head than Giant White Pearl, it is earlier and larger, which is a great advantage, especially to the market gardener. It keeps solid and crisp a long time after being cut. **Pkt. 20c, ½ oz. $1.50, oz. $2.50.**

"CAULIFLOWER AND CABBAGE," BY ALLEN—PRICE 50c, POSTPAID.

The following varieties—**Pkt. 15c, ¼ oz. 80c, oz. $1.50: Giant White Pearl, Henderson's Early Snowball, Early Dwarf Erfurt.**
The following varieties—**Pkt. 5c, oz. 60c, 2 ozs. $1.00: Extra Early Paris, Veitch's Autumn Giant.**

CELERY

(French—Celeri)

This vegetable can be grown as early as beans. Plant seed in a hot-bed or very early in open ground. Transplant four inches apart when three inches high, in rich soil, finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well-manured trenches, a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. For winter use in the family, celery needs to be hilled up only eight inches. One ounce of seed gives about 400 plants.

Columbia.

Columbia—Market gardeners should not fail to try this excellent variety. In season it follows in close succession Golden, Self-Blanching. Requires but little labor in earthing up for blanching, and makes heavy, broad and solid stalks, free from pith and string, which are so crispy tender that, held by the head, a stalk will almost break of its own weight. In quality it is not surpassed by any celery grown, the esteemed "sweet, nutty flavor" being noticed the moment tasted. It is so hardy in constitution that neither heart nor outside stalks are liable to rot when trenched for the winter, keeping well into spring in prime condition. In bunching there is very little waste, for the enormous hearts require but little trimming. We consider this the very best type and strain of celery in existence. **Pkt. 10c, ½ oz. 30c, oz. 50c.**

Paris Golden Yellow.

Paris Golden Yellow, or Golden Self-Blanching—Plants of a yellowish green color when young, but as they mature the inner stems and leaves turn a beautiful golden yellow. Crispness, tenderness, freedom from stringiness and nutty flavor establish it as the standard of excellence as an early sort. **Pkt. 25c, ¼ oz. $1.10, ½ oz. $2.00, oz. $3.75.**

Giant Golden Heart—Constitutes the great bulk of main crop celery that is produced in all sections of Canada. Of a waxy, golden-yellow color; the stalks are cylindrical in shape and most solid and crisp in quality, and one of the best keepers. **Pkt. 5c, oz. 40c, 2 ozs. 75c.**

Giant Golden Heart.

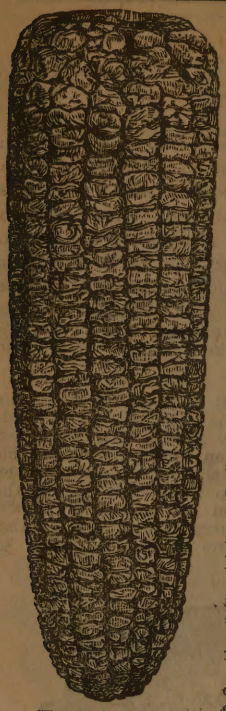
Giant Pascal—Of a fine nutty flavor, free from any bitter taste, grows two feet high, stalks broad, thick crisp and stringless; the width and thickness of the stalks are distinctive features of this variety. **Pkt. 5c, oz. 40c, 2 ozs. 75c.**

Giant Pascal.

Selected White Plume—By tying or simply drawing the soil up against the plants and pressing it together, the work of blanching is completed. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. **Pkt. 10c, ½ oz. 60c, oz. $1.00.**

Giant New Rose—Very compact, producing stems of superb flavor and of a deep red color. It remains solid and excellent in quality until quite late in the season. **Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 90c.**

CORN



Howling Mob

(French—Mais)

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills 2½ feet apart and the stalks thinned to 10 inches apart; the larger sorts should have the drills 3 to 4 feet apart and the stalks a foot apart in the rows. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use, to be planted at the same time, we recommend the three following varieties: First of All, Boston Market and Stowell's Evergreen; one pound for 100 hills, 4 to 5 grains to each hill, 10 pounds to the acre.

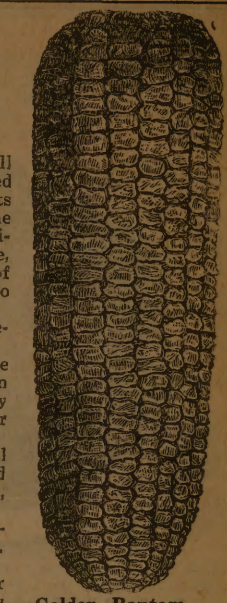
NOTE—When comparing prices on Sweet Corn, Beans and Garden Peas, please remember we pay the postage.

HOWLING MOB—Its peculiar but apt name refers to the vociferous demand for the ears. Generally produces two fine ears to a stalk. The ears measure 7 to 9 inches in length with 12 to 14 rows of good-sized, pearly-white grains. It is ready for use only 3 to 5 days later than the extra early Cory; but ears are much larger; grains whiter and sweeter. **Pkt. 5c, ¼ lb. 20c, lb. 35c, 2 lbs. 70c, postpaid.**

FLORADALE FAVORITE—Three days to a week earlier than Cory. An especial boon to the market gardeners who desire to have the first sweet corn in market; good size, 10 to 12 rows, while the Cory generally has only 8 rows. Quality most superior, and surpassingly sweet. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 70c, postpaid.**

Extra Early Sheffield—Ears average 6 inches long and are well filled—10 or 12 regular rows. Hardy as the Adams, ready for use earlier, and of much sweeter quality. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 70c, postpaid.**

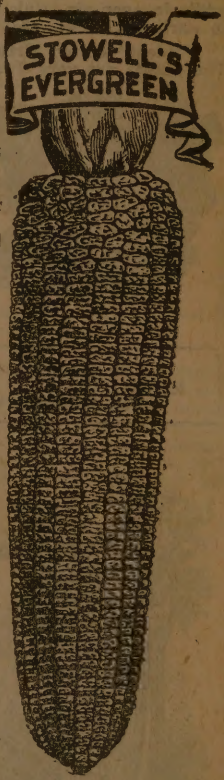
Golden Bantam—Customers say it is the **finest extra-early sweet corn** they have ever grown. Although the dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm; hence can be planted **earlier** than any other **true sweet corn.**. The ears, 5 to 7 inches in length, have eight rows of broad grains, extending to the extreme rounded tip. **Pkt. 5c, ½ lb. 25c, lb. 45c, 2 lbs. 80c, postpaid.**



Golden Bantam

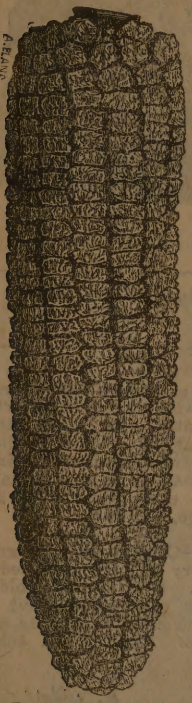
D. & H.'s "First of All"—(Private Stock)—Earlier than the Cory. Thousands of our customers speak in the highest praise of this incomparable sweet corn. From thre days to a week earlier than Cory; an essential boon to market gardeners. An excellen feature is it is both white cob and white kernel, while all other so-called "First of All" have both red kernel and red cob. The quality is most superior, very excellent and sur passingly sweet. You cannot help being pleased. **Pkt. 5c, ½ lb. 20c. lb. 35c, 2 lbs. 70c**

Boston Market—((Private Stock—In many sections of the country we hear nothin; but praise about it. It is the leader among **medium early** sweet corns. A 14 and 16-rowed variety, with large handsome ears filled with plump, deep, white kernels that retain their milky tenderness for an unusually long period. Quality and flavor surpassingly fine and sweet. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 70c.**



Stowell's Evergreen—(Private Stock)—There never was, and we believe there never will be, a better late sweet corn than Stowell's Evergreen. It really needs no description, as the "oldest inhabitant" has either grown a crop or has made a meal on this old favorite. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 70c.**

Special prices on larger quantities on application.



Boston Market

Also the following well-known varieties, at the uniform price of **pkt 5c, ¼ lb. 20c, lb. 35c, postpaid. By express or freight at purchaser's expense: 5 lbs 85c, 10 lbs. $1.50.**

EARLY WHITE CORY	COUNTRY GENTLEMAN
KENDELL'S EARLY GIANT	BLACK MEXICAN
WHITE EVERGREEN	EARLY EVERGREEN

POP-CORN LEADING VARIETIES

Pop Corn should be found in every garden, especially if there are children to enjoy it during the long winter evenings, which bring young people together for social amusements. It is a fact not generally known that pop corn pops best when more than one year old, and that when well popped it becomes twenty times its natural size; thus, a pound will make nearly a bushel of popped corn. Did you ever try pop corn as a money-maker.

Red Beauty—Fine variety. The stalks average 3 to 4 ears each, from 5 to 6 inches long; kernels of deep red. **Pkt. 5c, ¼ lb. 12c, ½ lb. 20c, lb. 35c.**

Mapledale Prolific—Prof. R. L. Wetherell states, "I selected on my Mapledale Fruit Farm this year 10 stalks with 121 ears, or an average of 12 ears to a stalk." **Pkt. 5c, ½ lb. 20c, lb. 35c.**

Queen Golden—One of the best and most prolific varieties grown. It pops perfectly white, and a single kernel will expand to a diameter of nearly an inch. **Pkt. 5c, ½ lb. 20c, lb. 35c.**

LEEK

(French—Polreau)

Select good onion soil, manure liberally, and plant in April in drills made 6 to 8 inches deep and 18 inches apart and thin to 9 inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups. One ounce to 1,000 plants.

Broad Flag, or London—A popular variety; hardy and of good quality. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c.**

Monstrous Carentan, or Scottish Champion—Large size and very hardy; clear white and of very superior flavor. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 85c.**

MINT

Mentha—Generally preferred for culinary and medicinal purposes. The leaves or tops are used in spring salads and eaten dried as sauce with lamb and in soups. For medicinal use, cut just as the flowers appear. It should be cut in very dry weather. **Seed pkt. 25c.**

MUSTARD

(French—Moutarde)

Sow in drills one foot apart and cover seed lightly. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession sow every two weeks during the season. Used principally for salads.

White London—For salad or medicinal purposes. **Pkt. (1 oz.) 5c, ¼ lb. 15c. lb. 45c.**

CUCUMBERS

(French—Coucombre)

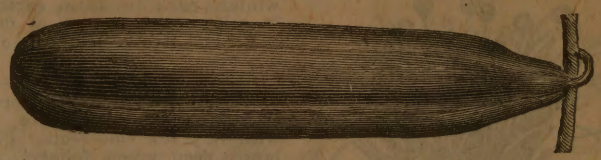
Boston Pickling.

The vines require a warm location. Plant after the ground has become warm in hills, three feet apart for the smaller varieties and five feet for the large sorts. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs. The frame cucumber can be successfully grown in the open air in this country by giving them a well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills. Two or three pounds per acre in drills.

Davis' Perfect—As now selected, the long, even fruits are of fine form, with an intensely dark rich green skin. With very few seeds the solid white flesh is of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on the market,—often being taken for "hot-house grown." The vines are of strong growth and quite prolific. **Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. $1.75 postpaid.**

D. & H.'s Improved Long Green—This fine Cucumber grows from 12 to 16 inches or more in length, and is of superior quality. The young fruits are very largely used for pickling; one of the most productive varieties in cultivation, has for many years been decidedly popular with thousands of our customers. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c, lb. $2.25.**

Japanese Climbing — While all other cucumbers are running vines yet this variety is much more creeping or climbing in its habit; so much so that it quickly climbs on poles or trellises in the same manner as the Pole Lima Bean. It is entirely distinct. The quality is splendid. It is well adapted for pickling as well as for salads. The great advantage of having a cucumber which can be trained on a pole or a fence will be apparent to all. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**



Giant Pera—The fruits grow to extra large size, with smooth light-green skin. The skin is thin, while the flesh is unusually thick, the fruits producing but few seeds. They are brittle and of extremely mild flavor. They frequently grow fifteen to twenty inches in length under good cultivation. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.50.**

Arlington White-Spined—Our stock produces very handsome dark-colored cucumbers which excel in crispness and flavor all others. A peculiar feature of this strain is the evenness of size, form and color of the cucumbers throughout the entire crop; they sell at fancy prices in this market early in the season. We annually supply many of the largest growers of cucumbers in Canada with this seed. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

Parisian Prolific Pickling—Decidedly the best of all in quality for pickling. The fruit is of an unusually dark green color, so deep that no coloring matter is necessary in preparing them for the pickling market. Very crisp and tender. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**

Extra Early Green Prolific, or Boston Pickling—This is a very prolific variety, largely planted for pickles. The fruits average four to five inches in length when large enough for slicing, and are of excellent quality; but it s chiefly for producing medium-sized pickles that this variety is so highly esteemed. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. $1.75.**

LONDON LONG GREEN—Long and slim; fine for pickling. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

EXTRA EARLY SIBERIAN—Earliest in cultivation; 5 inches long 55 days. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

ENGLISH FORCING CUCUMBERS

We wish it distinctly understood that the following varieties are only for forcing, viz.: grown under glass, either in hotbeds or green-houses. Being very expensive, the packages contain but very few seeds.

Lockle's Perfection—A remarkably productive variety, bearing fruit 15 inches in length, perfect models in shape, of high quality. **Pkt. 20c.**

Carter's Model—The handsomest cucumber grown; perfect in outline; fine flavor. **Pkt. 20c.**

Improved Telegraph—Will produce perfect fruit; nine days in advance of all others; of good color, handsome form and fine flavor. **Pkt. 20c.**

Tender and True—Perfect in form, of exquisite flavor; one of the best. **Pkt. 20c.**

One packet each of above 4 varieties, 70c.

Another splendid novelty of late introduction, very striking in color, most wonderful yielder. Vines are somewhat smaller than the musk melon vine, though requiring same cultivation. Fruit is about the size of an orange; orange shape and a bright orange color somewhat russeted. For sweet pickles, pies or preserving they are splendid In the West and Northwest, where fruit is scarce, they are rapidly becoming popular, as they are easily cultivated, enormously productive and can be used in every way as the peach, except that they are not quite as sweet. You will certainly be pleased with it. **Pkt. 5c, oz. 20c, 2 ozs. 35c.**

Certainly one of the greatest novelties of recent introduction. Resembles vine peach in manner of growth, but is distinct in that the unripe fruit is striped with very dark green spots, nearly black, and when ripe is not russeted like the vine peach. Fruit a trifle smaller than vine peach. Has a finer flesh and most desirable acid flavor, thus dispensing with sliced lemon, which is so important in putting up the vine peach. Unexcelled for general canning purposes. **Pkt. 5c, oz. 20c, 2 ozs. 35c.**

RECIPES FOR PRESERVING WILL BE SENT WITH EACH PURCHASE OF VINE PEACH AND GARDEN LEMON.

CELERIAC or TURNIP-ROOTED CELERY

Culture—Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist, rich soil, in rows 2 feet apart and 6 inches apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or handle it. After the roots have attained a diameter of 2 inches or over, they will be fit for use. To keep through winter, pack in damp earth or sand and put in cellar or leave out of doors, covering with earth and straw, like beets or carrots.

Chives

Large, Smooth Prague—An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round and with very few side roots. Plants vigorous, with large, deep green foliage. **Pkt. 5c, oz. 50c, 2 ozs. 90c.**

CHIVES

We cannot too strongly recommend the growing of a few dozen Chives. When once planted they live forever. It is propagated by division of the root tufts, which should be set out in April or May, in rows, 12 inches, the sets being placed at 4 inches in the row. A few plants placed in the cellar will, as soon as brought to light, sprout and bear an abundance of greens for salads; of a strong onion flavor. **Per 12, 20c; per 25, 30c; per 100, $1.00.**

Citron

CHICORY (French—Chicoree)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its root, dig about the same time as carrots, wash the roots, then slice either way, and dry thoroughly by artificial heat.

Large-Rooted, or Coffee—Used as a substitute for coffee. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

CITRON

Red-Seeded (For preserving)—Striped and marbled with light green. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

Colorado (For preserving)—Very large, often weighing 25 pounds each; flesh firm and solid; color pale green. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

EGG PLANT (French—Aubegine)

Plant the seed in March in a hot-bed, or for family use in flower pots in a warm window. Transplant in open ground after the weather has become warm and settled, in rows 2 feet apart each way. They require a rich soil and as favorable a locality for warmth as the garden will afford. One ounce to fifteen hundred plants.

New York Improved Purple—Best in cultivation, early, and a fine quality. **Pkt. 10c, oz. 75c.**

Black Pekin—Large size, skin black, glossy and smooth; flesh white, very solid. **Pkt. 10c, oz. 75c.**

ENDIVE (French—Chicoree)

Also called Winter Lettuce — For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin plants to 6 or 8 inches in the row. Any common garden soil will do, but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

Green Curled—The hardiest variety grown;; beautifully curled, tender and crisp. **Pkt. 5c, oz. 30c, 2 ozs. 50c.**

Bohemia Horse Radish

It has larger roots, producing nearly one-third more to the acre than the common sort, after lying in the ground all winter. Horseradish is like other vegetables—has to ripen before it gets its good qualities. Green horse-radish, that is to say, that which is dug before fully grown, is apt to have a bitter taste and turns black after it is grated, and soon loses its strength. The Maliner-Kren, ripening earlier as it does, will be sought after by the picklers as soon as this fact becomes known. It does not have to be peeled or scraped before grating; has a very thin skin, similar to new potatoes, which can be taken off in the same way; is white as chalk. **½ doz. 25c, doz. 45c, 50 to 100 at $3.00 per 100, postpaid. By express or freight at purchaser's expense, per 100, $2.00.**

GARLIC (French—Ail)

Plant the bulbs on exceedingly rich soil, in rows or in ridges 16 inches apart and 6 inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in soups, etc. **¼ lb. 25c, lb. 60c, postpaid.**

HERBS--Pot, Sweet and Medicinal

A few pot and sweet herbs, for flavoring soups, meats, etc., are indispensible to every garden, while some of the medical herbs will also be found useful. Herbs in general love a mellow and free soil, and care should be taken in harvesting them in a dry state. Cut them on a dry day when not quite in full bloom, and dry quickly in the shade, and when dry pack them close in boxes, entirely excluded from the air. The varieties marked * are Perennial, and when obtained in the garden may be preserved for years with but little care.

	Pkt.	Oz.		Pkt.	Oz.
.Anise	5c	20c	Marjorum, Sweet	5c	25c
*Balm	5c	20c	Penny Royal	10c	
Basil, Sweet	5c	25c	*Rosemary	5c	60c
Catnip	5c	60c	*Rue	5c	25c
Coriander	5c	15c	Saffron	5c	20c
*Caraway	5c	15c	*Sage, ¼ lb. 60c	5c	20c
Dandelion	5c	50c	*Savory, winter	5c	20c
Dill	5c	20c	Savory, sum. ¼ lb. 75c	5c	25c
*Fennel	5c	20c	Tansy	5c	60c
*Hop	10c	$1.00	Tarragon	25c	
*Horehound	5c	30c	*Thyme, ¼ lb. $1.50	5c	50c
Hyssop	5c	20c	Wormwood	5c	40c
*Lavender	5c	60c			

Kohl Rabi or Turnip-Rooted Cabbage

(French—Chou Rave)

Prepare ground as for cabbage, then plant about the first of June, in rows 2 feet apart, thinning plants to 12 inches in the row. To preserve over winter, treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip flavor to which many object. One ounce to 2,000 plants.

Early White Vienna—The earliest and best table variety. **Pkt. 5c, oz. 20c, 2 ozs. 35c.**

Purple Goliath—The largest of all; fine for table or feeding stock. **Pkt. 20c, oz. 40c, 2 ozs. 75c.**

LETTUCE

(French—Laitue)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to ten inches apart, for the leading varieties. When heads are not desired it may be grown in a mass. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

Immensity—This grand lettuce is claimed to be without exception the very largest lettuce in cultivation. Notwithstanding its great size it is tender, sweet and crisp. It produces a fine large, solid head, often 12 inches in diameter. It has great heat resisting qualities, being slow to run to seed, so that it is very reliable for a late crop when many other sorts are unfit for use. Do not be prejudiced on account of the great size of Immensity, as it is not coarse, even the outer leaves being tender. **Pkt. 10c, oz. 35c, 2 ozs. 65c.**

May King—The leaves are a clear light green; the outer leaves are slightly tinged with brown, the inner leaves are bright yellow, and of a specially fine rich buttery flavor. The round, compact heads are very solid. **Pkt. 5c, oz. 20c, 2 ozs.35c, ¼ lb. 60c.**

Improved Hanson.

Improved Hanson (Private Stock)—None more reliable for outdoor cultivation; resembling the flat cabbage, and so slow to run to seed that it often fails to form a seedstalk. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any unpleasant bitter taste. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

RUSSIAN GIANT—This is a tight-heading variety, which resembles a small cabbage in appearance; the leaves comprising the head, being closely folded together and the interior portion blanched to a clear, rich buttery yellow. The plant will stand for a considerable length of time after heading before running to seed. It is important that this lettuce should have plenty of room to grow. Thin out the plants to 10 or 12 inches apart in the rows and you will have magnificent heads. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c.**

Mammoth White Cos.

Mammoth White Cos—The immense heart is crisp, tender and excellent in flavor; habit, quite self-folding. It might, however, be well to tie it, as they sometimes do in England, making it heart up and blanch more rapidly. **Pkt. 5c, oz. 15c, 2 ozs. 25c.**

Grand Rapids Forcing (Private Stock) — This splendid Lettuce still stands at the head. There is no better forcing variety, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Iceberg — The unusual solidity of heads is assured by the large, white main ribs which act like a truss, making it impossible for the leaves to open outward and expose the centre, which is consequently thoroughly blanched. It matters not whether in the earliest days of spring or hottest days of summer, the leaves are always crisp and tender. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Black-Seeded Simpson—The most popular sort of all the non-heading varieties. One of the best for use under glass, as well as for early outdoor planting. The plants form large, loose heads, outer leaves a light yellowish green, with inner leaves blanched almost white. Resists the heat. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Mixed Varieties—Cabbage and curled varieties. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

Black-Seeded Simpson.

Lettuce for Poultry—Chickens eat it with avidity, and will fight to get it; ducks also are fond of it. It grows rapidly and is easily and cheaply produced, requiring only a rich soil and a free supply of water. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

Pure Culture Mushroom Spawn

A very superior article, made in this country from carefully selected spawn, which we know is much more vigorous than the imported article, and will produce Mushrooms of a very superior quality and flavor.

GROWING MUSHROOMS IS NOT DIFFICULT

Get Reliable Spawn, Start Right and the Results are Certain and Profitable.

No expensive equipment is, or ever will be, necessary for the propagation in money-making quantities. Professional growers have had much to do with spreading the idea that process and equipment are both costly. The plain fact is that anyone who starts right can grow Mushrooms successfully. He must know how to prepare the beds, where to locate them, and how to care for his crop. But the grower of Radishes must know that much about the crop he expects to raise. So that after all, success in growing Mushrooms is hedged about by no more mystery and difficulty than is the growing of radishes. An abandoned outhouse, or waste space in one, a shed, a basement or a cellar can be used for growing Mushrooms and will answer the purpose excellently.

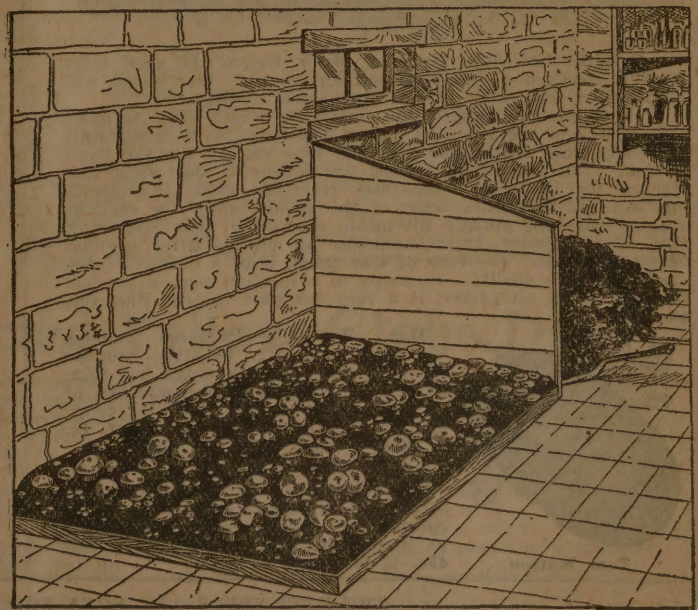
Mushrooms can be grown in tubs, in flats, but the culture requires careful attention and the temperature of the room must be kept at an unhealthful degree. A city man, however, can dig a "dug-out" on the north side of his house, roof it over with rough boards and grow enough Mushrooms for home use. If he wants to roof over a part of an old deserted quarry he can grow Mushrooms for the market. Contrary to popular belief, the culture of Mushrooms in a cellar is healthful. They absorb all the moisture and keep the cellar dry and air pure.

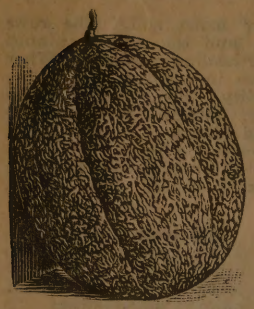
Standard Bricks—Inoculated from a pure culture transfer. **Per brick 45c postpaid, 3 bricks $1.25 postpaid. By express at purchaser's expense, per doz. $2.25.**

Direct Bricks—Inoculated direct from the pure culture as raised in the laboratory without intermediate transfer. **Per brick 55c postpaid, 3 bricks $1.60. By express at purchaser's expense, per doz. $3.00.**

Pamphlet on Mushroom Culture free with each order for one brick.

Book on Mushroom Culture. Contains 32 pages; very complete and with illustrations. Price 35c or sent free with each order for three bricks or more.





Bowman's Gold Coin.

MUSK - MELON

(French—Melon)

Select warm and light soil; a poor warm soil is better than a cold rich one. Thoroughly work the soil; manure with a rich compost, having the hills six feet apart for musk varieties, and eight or nine for watermelons.

Do not excavate the hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in manure or fertilizer between the rows. Plant a dozen or more seeds in each hill, but do not leave over two or three plants. Sprinkle young plants with Slug Shot to protect from depredation of insects. **1 oz. to 100 hills, 3 lbs. to the acre.**

"Ordway Queen."

Bowman's Gold Coin (Salmon flesh)—The following is Mr. Bowman's description of it: "My melon is earlier than the Paul Rose by ten days. It is two or three times as large, and a great deal more netted, of lighter skin, wider ribbed, of deeper flesh and better quality. It also yields twice as many melons to the acre. The specimens run from round to oblong, often both on the same vine, some of the specimens weighing 6 to 7 pounds. Paul Rose, Miller's Cream, or any other melon I ever saw, is not to be compared with it in quality or general value." **Pkt. 10c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

"Ordway Queen"—This is an orange fleshed variety, of the very best quality. The vines are very productive; fruits uniformly medium size. The netting is exceptionally fine and dense. The rind is thin; flesh is very thick, firm, highly colored, of fine texture and delicious flavor. **Pkt. 10c, oz. 35c, 2 ozs. 60c, ¼ lb. $1.00.**

Extra Early Hackensack.

EXTRA EARLY HACKENSACK—Produces melons two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor; will keep in good condition for several days after picking. Large, fine form; grown for the home garden very extensively. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Bay View (Green flesh)—A very large and productive sort, often attaining a weight of 12 to 15 pounds, and capable of growing even larger under high cultivation. Remains firm a long time. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Rocky Ford—One of the finest early melons—home garden. It is oval in shape, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy and solid clear to the rind. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Princess (Yellow flesh)—Skin dark green, well netted. Flesh rich orange. The melon is nearly all flesh. The flavor is absolutely unexcelled. Cannot be overpraised. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Banana—This curious melon attains a length of 18 to 30 inches and a diameter of 2 to 4 inches. The flesh is deep and of exquisite flavor. It looks and smells like a banana. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c.**

Rocky Ford.

Princess.

Also the following varieties, which are too well known to need an extended description at the uniform price of: **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Montreal Market (Green Nutmeg): **Livingston's Tiptop**—Stands at the very tiptop for quality; **The Osage**—Extremely early; large size; color salmon. **Mixed Varieties**—Best green and yellow-fleshed.

Melon-Water

Cultural directions same as Musk Melon. If very large fruit is required pick off all but one melon. One ounce will plant about forty hills; five to six pounds to the acre.

Livingston's Orange—We consider it worth while to bring this variety to the attention of our customers, as it is certainly a novelty, and at the same time a nice variety for the home garden. The peculiarity of this fine Melon is that when well ripened the inner core separates from the rind. Frequently one can lift the entire heart of the melon out of the shell or rind by carefully cutting the melon rind only. The inner portion of the melon quite resembles an orange after peeling, hence the name. The flesh of this melon is of a beautiful pink shade and fine quality. It grows to a medium size, is productive and taken altogether, is a very desirable variety. **Pkt. 10c, oz. 25c.**

Tom Watson.

Tom Watson — Produces melons weighing from fifty to sixty pounds; the dark-green rind is tough but thin. Deep, red flesh within three-quarters of an inch of the green rind, is crisp, melting, and of finest flavor. **Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 65c.**

Gilbert's Success — Medium early, very productive, uniformly large; flesh bright red, firm and sweet. Time for ripening 90 days, average weight 35 to 40 pounds. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c.**

Black Boulder— Enormously productive, reaching a mammoth size, melons weighing from 75 to 90 pounds are frequent; almost black skin. Flesh bright red and firm. It cuts equal to any market melon, and is fast becoming one of the leading melons. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

"Halbert Honey"—The finest of all Watermelons for the home garden or local markets. Four or five large melons are frequently seen clustered together. Average eighteen to twenty inches long; skin dark glossy green; flesh beautiful crimson and luscious quality. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

"Halbert Honey."

Hungarian Honey—Rich honey flavor, richer and sweeter than any other, melting in the mouth and of beautiful red color up to within one-fourth of an inch or less of the outer skin. The melons ripen early. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Cole's Early.

Cole's Early—One of the finest for the amateur and the home market. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. Flesh deep red and of extremely delicate texture, sweet, juicy and delicious. **Pkt. 5c, oz. 25c, 2 ozs. 35c, ¼ lb. 60c.**

Mixed Varieties—This mixture contains some of the best varieties in cultivation, averaging as high as 30 to 35 pounds in weight. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

PRICES FOR ONE POUND OR MORE WILL BE QUOTED ON APPLICATION.

European Onion Seed of American varieties is of No Use for Canada. Good, first-class onion seed cannot be sold at less than our price, and we don't believe our customers want to trust European grown Onion Seed.

Reliable Onion Seed

"ONION CULTURE," by Grenier. Price 50 cents.
(French—Oignon)

One of the most important crops grown, both in market and family gardens, and there is no other vegetable where the quality of the seed asserts a greater influence upon the crop than onions. There is more money in onions grown from seed than almost any other crop. Good onion seed is of the utmost importance. Fully realizing this, we have for many years made a specialty of onion seed which is all grown from choice, selected bulbs, critically examined before being set out for seed. In vitality it is very strong, being carefully tested. Sowing seed to produce large onions is the cheapest, easiest, best and most satisfactory way.

Beautiful Clear, Yellow Color

Extraordinary Size

Comparison between D. & H.'s Up-to-date and Ordinary Yellow Globe Danvers—Note the Difference.

Large onions can easily be grown the first year from the seed by obtaining our seed, which is grown by ourselves or by competent growers especially for us, and is all new crop. It won't pay you to use the cheap, imported grown seeds, which produce a large portion of scullions and onions that will not keep well. Poor seed, even as a gift, is the dearest the planter can use. We want you to try our seed, and have, therefore, put the price down to as low a rate as good, reliable seed can be sold for. Onions do best on a rich loam, previously cultivated for two years. Stiff clay and light sand are equally unfavorable. The land should be highly fertilized with well-rotted manure, complete fertilizers, etc. Fresh stable manure has a tendency to produce soft onions. Drill in 4 to 5 pounds of seed per acre, one-half inch deep. Six bushels of our Rosedale or Yellow Cracker, or ten bushels ordinary sets will plant an acre. See page 45 for description and price. Fine marketable size onions (according to variety planted) are easily produced the first year from early, spring-grown seed. Culture should be frequent though shallow. The same ground may be used for onions season after season if well fertilized annually. Bone meal is an excellent fertilizer. Winter storage demands dryness and protection from sudden changes.

D. & H.'s Up-to-Date Yellow Globe Danvers

This is the most perfect type of the globe-shaped onions ever offered. We have been years in perfecting this strain carefully selecting the most perfect type of bulbs for seed stock, so we have an onion entirely different from the ordinary Yellow Globe Danvers. It ripens early, has a very small neck, the entire crop dying down at one time. It is an immense cropper and will yield more marketable onions to the acre than any strain we are acquainted with. Of the symmetrical shape, large size, average specimens weighing from one to two pounds each. The bulbs are very choice, fine grained, exceptionally mild and very early. It is a grand, magnificent keeper. In many sections it will find ready sale at much higher prices than any other variety. This strain is now as near perfection as an onion can be brought, and as it costs us twice as much to produce this seed as we can buy ordinary eastern-grown seed for, we cannot sell it as cheap as ordinary stock. We have a good thing in onion seed, and we know it; if you buy some you will know it. **Pkt. 5c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $4.00, by express or freight at purchaser's expense, 4 lbs. or more $3.75 per lb.**

Selected Yellow Globe Danvers

With the exception of our "Up-to-Date" this is the finest all-round onion grawn. The enormous quantities annually shipped to market proves its popularity, and it is more largely grown than any other variety. We take unusual precautions to maintain the highest degree of perfection in our stock, and can confidently claim superiority for it. The shape is round, a little depressed at top and bottom. The color is a rich brownish yellow, making a most attractive bulb. It is medium in size, but remarkably solid and heavy, producting an immense weight per acre. It can be used to great advantage from the earliest date to the last, and it is one of the surest keepers and is delicious, even in its youngest stage. **Pkt. 5c, oz. 25c, 2 ozs. 35c, ¼ lb. 90c, lb. $3.00, by express or freight at purchaser's expense, 4 lbs. or more at $2.75 per lb.**

Growers who grow Onions in large quantities had better ask us for special prices, mentioning kinds and quantities of seed wanted.

Southport Globe Onions (White, Yellow and Red)—These are the largest and handsomest of the American Onions, being of almost globe shape, heavy, solid, big yielders and splendid keepers, with fine, white-grained flesh. That our seed of these important varieties is from highly-bred and most carefully selected types is attested by the numerous letters we receive from critical onion growers.

Southport Red Globe—Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. $2.50, by express 4 lbs. $2.40.

Southport White Globe—Pkt. 5c. oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $4.00, by express 4 lbs. at $3.75 per lb.

Southport Yellow Globe—Pkt. 5c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $4.00, by express 4 lbs. $3.75 per lb.

Australian Brown Globe—Quick to to mature; a long keeper, solid and heavy, an excellent onion for shipping. The bulbs are perfectly round or globe-shaped. The onions are thin-necked, and ripen very evenly in all soils. The flesh is pure white, very solid and exceptionally mild. Its exceptional keeping qualities make it a most profitable variety to plant for market. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, 1 lb. $2.50.**

Extra Early White Barletta.

True Paris Silverskin Pickling — Without doubt the best of all the varieties for pickling purposes. It grows rapidly but remains small, and is of the mildest possible flavor, making the most desirable of all onions for this purpose. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. $2.00, 2 lbs. or more at $1.90 per lb.**

Extra Large Red Weathersfield — A magnificent strain, far surpassing the ordinary Red Weathersfield in size, productiveness and keeping qualities. Of the finest form, skin-deep purplish-red; immense crops of this onion are grown each season from our seed by some of the largest growers in Canada. **Pkt. 5c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $4.00, 4 lbs. or more by express at $3.75 per lb.**

Extra Early Barletta—This distinct variety is the earliest onion in cultivation; very mild and delicate in flavor; its extreme earliness makes it very valuable for early table use, as well as bunch onions for the market. Exceedingly valuable for pickling purposes. **Pkt. 5c, oz. 45c, ¼ lb. 75c, lb. $2.00, 2 lbs or more at $1.90 per lb.**

New Foreign or Italian Onion

Milder in flavor than the American varieties and well adapted for market or home use. In order to get very large onions the first season, start the seed in February, either in the greenhouse, hot-bed or in the house in boxes and transplant in the open ground as early as they can be planted out. Put out about six inches apart in rows.

Spanish King, or Prize-taker—The handsomest Yellow Globe Onion. This is the large beautiful onion that is seen every fall on sale at the fruit and grocers' stores in the large cities. The outer skin is a rich yellow color, while the flesh is white, sweet, mild and tender. The Prize-Taker grows always to a perfect globe shape. The necks are very small, and the onions always ripen up hard. The flavor is mild and delicate, making it a favorite for slicing for salads. It is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 4 to 6 pounds each. In order to get the largest onions and the best results, the seed should be sown very early in the house or hot-bed and transplanted out in the open ground. We do not dispute of their being grown 4 to 5 pounds each the first season from the seed in some localities (as advertised by some house), but our own repeated trials prove conclusively to us that it cannot be done in this part of the country unless sown as directed above. The same applies to all other sorts of Italian onions. Genuine Prize-Taker cannot be offered at less than the following. **Pkt. 5c, oz. 30c, 2 ozs. 50c, ¼ lb. 90c, lb. $3.50, 2 lbs. or more $3.25 per lb.**

Ailsa Craig.

Ailsa Craig—Flavor mild; size immense; solid and heavy; beautiful yellow color; flesh snow-white, solid to the core. Twelve bulbs have been grown to weigh 42½ pounds. While attaining an immense size, from 1½ to 2½ pounds at maturity, it is solid to the core—one of the most desirable points in large varieties. Another year's experience with Ailsa Craig Onion convinces us that its good qualities have not been over-estimated. **Pkt.** (sufficient to sow 25 ft.), **10c, oz. 40c, 2 ozs. 90c, ¼ lb. $1.50, lb. $5.00.**

Giant Rocca—Grows large size; skin brown; of fine flavor. **Pkt. 5c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $4.00.**

Mammoth Red Victoria—Of handsome globe shape, skin very dark, almost blood red in color; flesh white; flavor very mild and sweet. **Pkt. 5c, oz. 30c, 2 ozs. 50c, ¼ lb. 90c, lb. $3.25.**

Mammoth Silver King—Attractive form, flattened, but thick through. Single bulbs often attain weight of from 2½ to 4 pounds each. The skin and flesh are white and of a particularly mild and pleasant flavor. Matures early, and is of uniformly large size and perfect form, and will bring a large price in the market. **Pkt. 5c, oz. 30c, 2 ozs. 50c, ¼ lb. 90c, lb. $3.25.**

White Bunch Onion

Mr. Greiner, the great horticultural writer had this to say about this bunch onion: "In the new bunch onion culture, I am figuring out the profit. Fig. 1 shows a bunch as given in the Cyclopaedia of American Horticulture. I find this onion as hardy as an oak; and the suggestion of a bulb makes it suitable for a bunch onion. A bunch, such as we make them, and found ready sale for them, is shown in Fig. 2. These bunches are quite attractive, and coming in a season when green stuff is scarce, is extremely serviceable for the purpose of a bunch onion. We put about ten stalks to the bundle, or twice as many as found in the average bunch in the market. We could have disposed of a good many more than we did, even in our local market, and Buffalo and the smaller cities near by would gladly have taken large quantities. Where the plants stood fairly thick in the row (as thick as we should aim to have them, and as we can get them by sowing 6 to 8 pounds of seed to the acre, on rich ground), we made four dozen bunches from six feet of row, the rows being 14 inches apart. When a spot of ground 14 inches wide by 6 feet long brings one dollar, you can easily figure out that the acre rate is fully $6,000, less than one-tenth of which goes for labor in preparing (cleaning and bunching) the product for market. The expenses of growing the crop are comparatively slight. I like to sow seed in spring or early summer, not in the fall."

Pkt. 10c, oz. 35c, 2 ozs. 65c, ¼ lb. $1.15, lb. $3.50.

ONION SETS

London and its immediate vicinity produce probably nine-tenths of the onion sets grown in the country. Because of our direct seed-selling relations with the growers, we are in a position to supply the very best possible at the lowest market price, and we carry in our warehouse a good supply of all the following varieties.

ONION SETS are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season, and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

Rosedale Strain—(Yellow Dutch Sets)—This strain is our own proprietary stock, and have maintained their reputation as the best shaped, best colored sets handled by any seed house. This strain for the past ten years has had to compete against very unfair competition, but always came out with flying colors. They are of excellent quality and splendid keepers. They are of handsome color, good shape, good keepers, and produce quickly young onions of fine flavor, which, if allowed to grow on, mature a handsome yellow onion of best table quality. The best evidence of their popularity is the fact that we disposed of them to market gardeners year after year, who pronounce one bushel equal to two bushels of ordinary Dutch Sets. Order early; stock limited. **½ lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. $1.25, postpaid.**

Top or Button—Grown only from bulbs. **½ lb. 20c, lb. 35c, 2 lbs. 55c, 5 lbs. $1.25, postpaid.**

Shallots—Used for pulling early. **½ lb. 20c, lb. 35c, 2 lbs. 55c, 5 lbs. $1.25, postpaid.**

English Multipliers, or Potato Onions—For green onions. **½ lb. 20c, lb. 35c, 2 lbs. 55c, 5 lbs. $1.25, postpaid.**

PARSNIPS

(French—Panais)

Give the deepest and richest soil to parsnips. Make the soil very fine and plant the seed very early in rows 18 inches apart, thinning plants to 3 to 5 inches in the rows. The seeds should be planted half-inch deep. One ounce to 150 feet of drill.

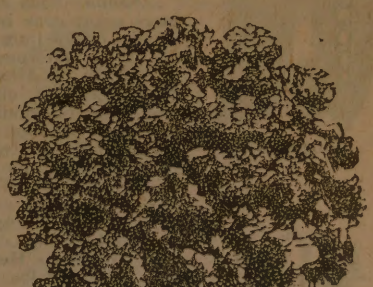
Magnum Bonum—This is a highly improved type of the well-known Hollow-Crowned, producing uniformly large and handsome roots of stocky form, heavy at the shoulder, well rounded, gradually tapering to the base, so that they are easily dug. The flesh is white, of fine texture, free from core and stringiness, and especially fine flavored; cooking tender sweet and rich, rendering it one of the finest table vegetables for winter use. This parsnip is the heaviest cropper of all. We recommend it for garden and fine culture. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

Improved Hollow Crowned—A great cropper; fine flavored and considered one of the best for general cultivation. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.00.**

PARSLEY (French—Persil)

Select rich soil and sow the seed in drills one foot apart, covering one-eighth of an inch deep. The seed is usually from 15 to 20 days vegetating. Thin plants to 4 inches apart when 2 inches high. The beauty of the plant may be increased by several successive transplantings.

The EMERALD—This is a very distinct and handsome variety, of quick, robust growth, forming compact ornamental plants, densely furnished with long-stemmed giant leaves, finely cut, most beautifully curled and crimped and of that brilliant, deep emerald green color so highly attractive when used for garnishing. The flavor of the leaves is also unusually rich and aromatic, rendering this variety of especial value where used for flavoring in sauces, dressing, etc., either when fresh or dried. We recommend the Emerald as the best parsley to grow in the open ground for summer and fall use, in frames for winter use, or in pots or boxes in the kitchen window for perpetual use. (See cut.) **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c.**



The Emerald Parsley.

The following varieties: **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c.**

Taber's Exquisite — Dwarf, curled, dark green; finest sort.

Champion Moss Curled—Popular in England; leaves curled.

Savitilla Peanuts.

PEANUTS

"PEANUT PLANT—ITS CULTIVATION."—Price 50c, postpaid.

The Savitilla—Every boy, every girl, and almost every person likes peanuts. They are nutritious, palatable and pleasant eating, and, if rightly understood, can be as easily raised as cabbage or potatoes. Much more productive than the common variety, but more easily raised, ripen earlier and far better for eating purposes. The Savitilla Peanut is a beautiful red variety; strong, hardy and vigorous growing, vines standing up straight and producing most luscious nuts in abundance; the nuts large, fine and each nut contains 3 to 4 fine fat kernels of a rich and pleasant flavor. A few short rows planted in the garden or field will produce nuts enough to supply a family all winter. Directions for growing will be printed on each packet. **Large pkt. 5c, ¼ lb. 25c, lb. 75c, postpaid.**

D. & H.'s Little Giant.

PEAS

(French—Pois)

WE PAY POSTAGE ON ALL SEEDS AT PRICES QUOTED.

Those marked with * are wrinkled varieties, the sweetest of all, but being liable to rot, need to be planted thicker and later than the round sorts. While the tall sort will run too much vine if liberally manured, the dwarf varieties, on the contrary, need liberal manuring. Have the dwarfs that grow not over 15 inches high in rows 2½ feet apart; those attaining to the height of from 2 to 3 feet in rows 3 feet.

EXTRA EARLY VARIETIES.

***Potlatch, or Big Dinner**—Vines 15 to 18 inches high. The long pods are a rich dark green color, often measuring 6 inches or more, with 9 to 11 enormous peas in a pod. **It is a wonder in productiveness,** and the way the peas shell out is astonishing. Potlatch matures as early as Premium Gem. No variety known will produce more pods, shell better, or contain more tender and delicious peas to the pod. **Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.**

***D. & H.'s Little Giant** (Private Stock)—This is one of the best wrinkled peas in cultivation. As to table quality, it has every feature which makes a wrinkled pea more sweet, tender and delicious than a smooth pea. Little Giant is frequently ready for the table in forty-eight days from the sowing of the seed. The pods, which average 3 inches in length, are square and chunky, containing from 7 to 9 large peas, packed so closely that they are more nearly square than round. The peas are at all times tender and of fine flavor. The vines grow to a uniform height of about one foot. **Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid. By freight or express at purchaser's expense, 4 qts. $1.50, 8 qts. $2.75.**

***Gradus, or Prosperity**—Large, handsome pods, resembling Telephone in size, well filled with large peas, ripening with the earliest. Habit very vigorous, very quick to germinate, to push to maturity; foliage large, pale green in color; pods long, straight, slightly rounded at the point. Seed large and wrinkled. **Pkt. 5c, lb. 40c, 2 lbs. 75c, postpaid. By freight or express, 4 qts. $2.00, 8 quts. $3.50.**

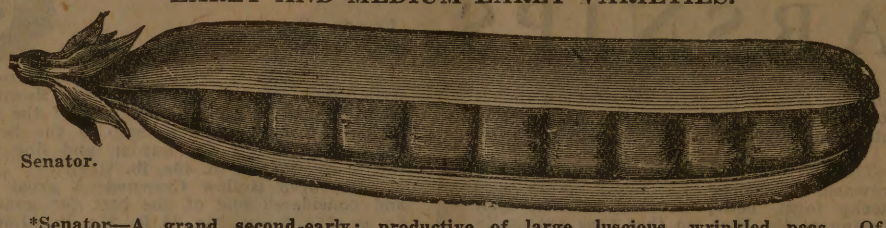
***Surprise**—This vine grows 20 to 24 inches high, and requires no sticks. The Surprise Pea has attracted universal attention, and has everywhere made a splendid record for both quality and quantity. Its sweetness is noteworthy, and it bears with a profusion that is truly remarkable. Its extreme earliness makes it one of the most profitable market peas ever produced. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid. By express or freight: 4 qts, $1.75, 8 qts. $3.00.**

***American Wonder**—Extra early, productive, of fine flavor. **Pkt. 5c, ½ lb. 25c, lb, 40c, 2 lbs. 75c, postpaid. By freight or express: 4 qts. $1.75, 8 qts. $3.00.**

***Carter's Premier, or Improved Little Gem** (Private Stock)—Pods long and well filled; finest flavor. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid. By express or freight: 4 qts. $1.75, 8 qts. $3.00.**

Potlatch.

EARLY AND MEDIUM EARLY VARIETIES.



Senator.

Alderman.

Surprise.

***Senator—A grand second-early; productive of large, luscious, wrinkled peas.** Of same season as McLean's Advancer, the pods are much larger and the vines much more productive. The handsome, large pods are well filled with from seven to ten peas in a pod; quality excellent, sweet and tender, even when the peas are large. Vines two feet high and carry a large crop. We are sure that all who try it will be delighted with both quantity and quality of the crop. **Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c. By express or freight: 4 qts. $1.75, 8 qts. $3.00.**

***Juno**—Pods remarkable large, long, straight, thick through and well filled. Seven or more great peas in a pod. Vines from 18 to 24 inches in height. It crops heavily; quality delicious. Medium early. A first-class pea, follow the early sorts. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 70c, postpaid. By Express or freight: 4 qts. $1.50, 8 qts. $2.75.**

***Duke of Albany**—A very large wrinkled pea. Vines about 4½ to 5 feet high; pods of largest size, often 4½ to 5 inches long, straight and thick, borne in great profusion, and when in condition for picking of a dark green color. There is an increasing demand for peas of this color. Very profitable sort for market gardeners, while its splendid quality should give it a place in the home garden. **Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 70c, postpaid. By express or freight: 4 qts. $1.75, 8 qts. $3.00.**

***Prince of Wales**—A long-known standard and popular sort. Hardy, vigorous and upright in habit; pods produced abundantly in pairs near the top of the vine. Peas of first quality. Height 2½ feet. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid. By express or freight: 4 qts. $1.50, 8 qts. $2.75.**

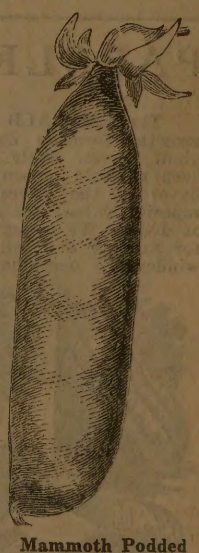
***Yorkshire Hero**—Fine main crop; prolific and fine flavor; 2¼ feet. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid. By express or freight: 4 qts. $1.50, 8 qts. $2.75.**

***Improved Stratagem**—The pods are of immense size and uniformly filled with very large dark green peas of the finest quality. Vine medium height, but very stocky. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid. By express or freight. 4 qts $1.75, 8 qts. $3.00.**

Prince of Wales.

MAIN AND LATE CROP VARIETIES.

Mammoth Podded Sugar—The peas are not shelled, but the pod is eaten like a snap bean. The pods are stringless, and in flavor, brittleness and succulence are unexcelled. The vines are very tall, reaching a height of 5 to 6 feet and requiring support. The full grown pods are 6 to 7 inches long and 1½ inches broad, and are produced continuously for a considerable period. The pods are sometimes sliced for cooking, because of their size, and may be served with butter or white sauce. They can be made ready for the table in 10 or 15 minutes, and are good even when quite old. Excellent also for pickles. **Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.**



Mammoth Podded Sugar.

***Alderman**—This is a very large podded pea, very robust and vigorous, producing pods of the largest size. The pods are even larger and longer than the average large podded sorts, and are well-filled with large peas of most excellent flavor. The vines bear rich, deep-green, straight, handsome pods, averaging 4½ to 5 inches in length, pointed at the end. The vines are from 3½ to 4 feet in height. A point of superiority which must not be overlooked is the unusual flavor and quality of the peas. **Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid. By express or freight, 4 qts. $1.75, 8 qts. $3.00.**

PEPPER

((French—Pimet)

Long Red.

Peppers should be started in a cold frame or hot-bed. Transplant the young plants into the open ground towards the close of May, having the rows 16 inches apart and the plants one foot apart in the row.

Chinese Giant—Double the size of Ruby King, and equally as mild. This is the largest and finest mild red pepper. Gardeners planting for market will find the Chinese Giant the most profitable variety they ever handled. Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form, and of most brilliant glossy scarlet. They grow 4 to 5 inches broad at the top and are of equal length, divided into four or more large ridges. When ripe they are indented at the blossom end. All are uniformly of most "enormous size." The flesh is usually thick and extremely mild; as sweet as an apple. It makes an excellent salad sliced and served like tomatoes. The enormous fruit yield so little seed that the genuine seed must be always high. **Per pkt. 10c, ½ oz. 40c, oz. 70c.**

Long Red—Long, tapering, sharp-pointed fruit, 6 inches long, and is of a deep, glossy scarlet color. Fruit is very fine, and is superior as flavoring for chow-chow, etc. **Pkt. 5c, oz. 40c.**

Ruby King—An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts. It is very bright colored, temptingly sweet and mild flavored. **Pkt. 5c, oz. 40c.**

Long Red Cayenne—A long, slim, pointed pod, and when ripe of a bright red color. Strong and pungent. **Pkt. 5c. oz. 40c.**

Large Bell or Bull Nose—A very large sort, of inverted bell shape, suitable for filling or for mixed pickles. Flesh thick and less pungent than most other sorts. **Pkt. 5c, oz. 40c.**

Fine Mixed Peppers—The above and many other valuable peppers in choicest mixture. **Pkt. 5c, oz. 40c.**

Ruby King.

Chinese Giant.

Long Red Cayenne.

Large Bell.

SCARLET JUMBO PEPPER.

If you want to grow the largest peppers on earth, try this variety. (See Novelty List.)

PUMPKIN

(French—Potiron)

King of the Mammoth.

All vines delight in warmth and rich soil. Prepare the ground by thoroughly pulverizing. Manure thoroughly, working just under the surface. Plant in hills 9 to 10 feet apart; work some rich, fine manure into each hill. Leave two or three plants to the hill. Keep well sprinkled with Slug Shot in early stages of growth. Cultivate frequently. One ounce to 25 hills; two to three pounds to an acre.

The Enormous—A first-class keeper, having been kept until April without showing any sign of decay. Skin and flesh of a bright golden-yellow color. Although of such an enormous size, it is firm-fleshed, fine-grained, and one of the best pie pumpkins we ever grew. The largest pumpkin at the Western Fair was exhibited by us, and it weighed 350 pounds. **Pkt. 10c, 3 for 25c. In pkts. only.**

Full and complete directions "How to Grow Big Pumpkins and Squashes," sent with every purchase of one packet or more of Enormous Pumpkin.

Sandwich Island—A very fine new and productive variety, growing oblong to a length of 16 to 18 inches, and 7 to 8 inches in diameter. Comes from a remote section of the Sandwich Islands. Remarkably distinct in every way. Of fine size, very prolific bearer and delicious flesh. A deep golden color when ripe. Flesh rich yellow, very sweet, dry and excellent for pies. An excellent keeper. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

King of the Mammoths—The flesh and skin are of a bright golden color, fine grained and of excellent quality; it grows to an enormous size, 3 feet or more in diameter, and 100 to 200 pounds or more in weight. **Pkt. 10c, oz. 20c, 2 ozs. 35cc, ¼ lb. 60c.**

Common Yellow Field — Standard yellow field variety; used almost exclusively for stock. **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**

Large Sweet Cheese—A very early, large-sized pumpkin, often measures 15 inches across top; flat, like a cheese and very productive. It is an excellent keeper, and is of the finest flavor. Splendid for the table as well as for stock-feeding; also largely used for canning. The skin is orange-red. **Pkt. 5c. oz. 15c, 2 ozs. 25c, ¼ lb. 40c.**

Quaker Pie—The shape is nearly oval, tapering slightly toward the ends. Color creamy white both inside and out; flesh sweet and rich. **Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

Sandwich Island.

Japanese Pie—Fine for pies; flesh thick, fine grained, dry and sweet; ripens early; excellent keepers. **Pkt. 5c, oz. 20c, 2 ozs. 30c, ¼ lb. 50c.**

Mixed Varieties—All the well-known varieties. **Pkt. 5c, oz. 20c, 2 ozs. 30c, ¼ lb. 50c.**

SUPERIOR SEED POTATOES

"IT PAYS TO CHANGE SEED EVERY YEAR"

Everything points in the direction of a lively demand for Choice Seed Potatoes the coming season, and we would advise customers to send in orders early.

PLEASE NOTE—The prices of seed potatoes are subject to market changes and stock unsold. At peck and bushel prices, the purchaser pays the freight or express charges. If any other variety is wanted, write us and we will endeavor to get it for you. In ordering, please state whether to ship by freight or express.

All transportation charges must be paid by the buyer. No potatoes sent C. O. D.

GOLDFINDER

A new potato which is proving to be a money-maker for gardeners wherever planted. It is extra early in maturity, somewhat similar to the Early Ohio in shape, and a potato of most excellent cooking qualities. Makes a very attractive appearance when dug, realizing much higher prices for the Goldfinder than for ordinary kinds, on account of its appearance and quality. Wherever it is grown it speedily becomes very popular, and gardeners will plant it on the largest scale. **Lb. 50c, 3 lb. $1.25, postpaid; by freight or express at purchaser's expense, peck 85c, ½ bushel $1.50, bushel $2.50.** Stock limited. Extra bags 15c each.

WON AT THE THREE LARGEST EXHIBITIONS IN ONTARIO.

Ontario Vegetable Growers' Association Field Crop Competition. **Field Crop** scored 79 points out of 100. **Western Fair, London,** 1st prize. **Canada Central Exhibition, Ottawa,** 1st prize. **Canadian National Exhibition, Toronto,** 1st prize. These prizes were won against strong competition. Is this not a record to be proud of?

EXTRA EARLY EUREKA—As to its origin and history, the originator says of it:

"It has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Rose and Bovee. It never has had the blight. The tubers are round, slightly flattened; white skin, free from disease; flesh white and mealy; no cores or black specks; quality unsurpassed.

Lb. 35c, 3 lbs. $1.00, postpaid. By express or freight, peck 75c, bushel $2.50, bag (1½ bushels) **$3.50.**

RED RIVER TRIUMPH—Bliss Triumph is a standard extra early; it is, perhaps, the earliest potato in cultivation. The tubers are nearly round, smooth, medium in size, reddish pink in color. Vines are small and compact, with short, thick stalk and broad leaves. Its table qualities are very good for an extra early. **Lb. 35c, 3 lbs. $1.00, peck 50c, bushel $2.50, bag** (1½ bushels) **$3.50.**

EARLY SENSATION—It is distinctly itself, is in a class of its own. In shape it is roundish oblong, with a beautiful creamy white skin, slightly suffused with pink, the eyes are shallow. On good soil there are very few small ones,

so there is no waste. And this is the best and important part of the story, for no matter how well it did in other respects, if it was weak here it would be a failure, and would never be introduced to our customers. But right here it is par excellence. From the time it is large enough to use, for 14 months continuously, it is the same floury-white, dry sweet, nutritious article that is the crowning glory of every dinner table. This is the ideal potato for the man who grows only one variety. **Lb. 35c, 3 lbs. $1.00, postpaid; peck 75c, bushel $2.50, bag** (1½ bushels) **$3.50.**

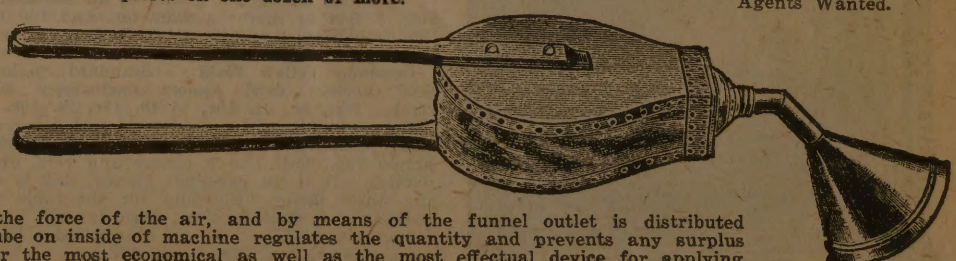
RED RIVER EARLY OHIO—Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Everyone knows what it is and that it can be relied on for an early market variety in nearly every locality. **Lb. 25c, 3 lbs. 70c, peck 75c, bushel $2.50, bag** (1½ bushels) **$3.50.**

IRISH COBBLER—Every distinct variety of potato has its own story to tell, and the Irish Cobbler can hold up its head with the very best of them. It is a pure creamy white potato, almost round, with flattened sides, strong eyes, has a fine appearance, is excellent in quality, and a splendid cropper. It is a great seller on the early market, in fact, it rules the market. We have the correct type and a large supply of these fine potatoes to offer to our customers this spring. **Lb. 25c, 3 lbs. 70c, peck 65c, bushel $2.24, bag** (1½ bushels) **$3.25.**

ELECTRIC INSECT EXTERMINATOR

Write us for prices on one dozen or more. Agents Wanted.

The Wonder of the Century—
No Water, No Flour,
No Land Plaster.



Applies one pound of pure Paris Green to an acre of potatoes. Will knock the potato bug stiff every time.

Put the powder in the machine through the opening in the side. Work the handles, when the powder is discharged by the force of the air, and by means of the funnel outlet is distributed evenly over the plant. Perforated tube on inside of machine regulates the quantity and prevents any surplus of powder being discharged. By far the most economical as well as the most effectual device for applying Paris Green, and with so little labor. **Death to Potato Bugs.** Paris Green applied with the **Electric** will knock them stiff, all sizes and all ages, every time, and only one pound required for an acre of potato vines. This machine works to the best advantage by putting in about half a pound of powder at a time. Experience has proven that Paris Green applied in its pure, unadulterated state does not injure the vines and is far more effectual than when mixed with plaster or any other substance, and with the **Electric** it is done so easily. Every farmer or gardener who once tries the **Electric** in killing potato bugs will never be without it. The **Electric** is used to the best possible advantage in applying insect powders of all kinds. **Each $1.25, by express or freight, or $1.50 by mail, postpaid.**

We Can Also Supply the Following Varieties of Potatoes: Dooley, Carman's, Green Mountain, Early Rose, etc., etc. Ask for Prices.

RADISH

(French—Redis et Rare)

For early use, sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half an inch deep. Thin plants to an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession sow every two weeks. French-grown seed. One ounce for 100 feet of drill.

Sandringham Long Scarlet.

Sandringham Long Scarlet — This superb radish originated in the vicinity of London, England, and has been continually used by the gardeners there for more than thirty years. It grows perfectly straight and smooth, six to seven inches in length. Their attractive scarlet-colored skin is very thin, and the flesh crisp, brittle, and of delightful flavor. The finest long red radish in existence for forcing, and outsells all others in any market, remaining, as it does, a long time in perfect condition for the table, after it is first ready for gathering. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

Improved French Breakfast.

Crimson Giant — An early turnip radish, double the size of any of the early turnip-shaped type. This variety developes to six and often seven inches in circumference, weighing about four times the weight of similar sorts; but, notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkling white, solid, crisp and juicy, and of mildest flavor. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ½ lb. 40c, lb. $1.25.**

Crimson Giant.

Long Icicle gets its name from the almost transparent whiteness of the root, which has no comparison among all cultivated radishes. It is of the best flavor, very crisp and brittle. It vies in earliness with the earliest forcing sorts, producing nice roots in 22 days from date of sowing. **Pkt. 5c, oz. 15c, 2 ozs. 25c ¼ lb. 40c, lb. $1.10.**

Scarlet Conical (Private Stock) — This very excellent strain is far superior to any other. In color it is a brilliant scarlet, in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. **For forcing in greenhouses, hotbeds or cold frames,** and for sowing early out-of-doors, there is no other variety that will pay better. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.25.**

Scarlet Conical.

Scarlet Button — This radish is quite desirable as an early sort, and is particularly adapted to forcing. The color is a vivid scarlet. The flesh is white, crisp, solid and mild. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.10.**

Rosy Gem—A great favorite in many large markets; for early planting out doors. Color very dark scarlet with white tip. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.10.**

Improved French Breakfast — A medium-sized radish, olive-shaped, small, of quick growth, very crisp and tender, a beautiful scarlet color, except the tip, which is pure white. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.10.**

China Rose Winter.

Brightest Long Scarlet, or Cardinal —the handsomest and earliest long radish. This new sort resembles the Early Long Scarlet in shape, and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any radish; tails tipped white. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.10.**

Scarlet Beauty (Private Stock)—A small, round, turnip-shaped radish of bright scarlet color, distinctly tipped with clear white; fit to pull in 21 days from time of planting the seed. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.10.**

Brightest Long Scarlet.

Winter Radishes

White Chinese, or Celestial—This is a fine, long, white radish admittedly the best of the winter sorts. It is of Chinese origin, but is now thoroughly Americanized. Continued selection has made it perfect in shape, size, quality and flavor. It resembles California Mammoth Winter, but is superior to that or any other variety with which we are acquainted, as it lacks no qualities desirable in a winter radish. It will grow to a very large size, 8 to 15 inches in length and even larger, according to fertility of soil. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. $1.50.**

Black Spanish Winter—A large, black-skinned radish, with firm white flesh of pungent flavor. It is a good keeper, lasting easily until spring. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. $1.50.**

China Rose Winter—Also called Scarlet Winter. A popular favorite, with rose-colored skin. It is a large, fine-shaped radish, growing partly above the ground, 3 to 4½ inches long. Flesh pure white. Flavor mild. A splendid keeper. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. $1.50.**

RHUBARB

(French—Rhubarb) (German—Rhubarder)

Sow the seeds in drills 18 inches apart, and cover half inch deep. Thin the plants to a foot apart. When the plants are one year old prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set the plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, take up the roots and divide.

Johnson's St. Martin—The earliest of all; requires less sugar than any other; delicate pink color. **Pkt. 5c, oz. 30c, 2 ozs. 50c, ¼ lb. 90c.**

Victoria, or Giant—Fine flavor, a well-known variety. **Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

Mixed Varieties—**Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.**

RHUBARB ROOTS—A saving of from two to three years is made by planting the roots. We have well-established roots of the above varieties. Price by mail, postpaid, **25c each, 3 for 60c, $2.00 a dozen.. By express or freight at purchaser's expense, $1.50 a dozen, 100 for $10.50.**

OUR ALL-SEASON'S MIXTURE OF RADISH BEATS ALL. See NOVELTY LIST.

SQUASH

(French—Courge)

"Squashes," by Gregory. Price 25c, postpaid.

All vines delight in warm, rich soil. Prepare the ground by thoroughly pulverizing. Manure thoroughly, working in just under the surface. Plant in hills nine to ten feet apart for running varieties, and five to six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two or three plants to the hill. Keep well sprinkled with Slug Shot in early stages of growth. Cultivate frequently. Summer varieties one ounce to 25 hills, two to three pounds to the acre.

Chicago Warted Hubbard.

Chicago Warted Hubbard—Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the **Ideal Hubbard** for home or for market. For 30 or 40 years this squash has ranked first for a winter keeper. It is shipped thousands of miles in carload lots from west to east every year. With the growing of it, in a large way, it was found that the largest, heaviest, dark, rough-skinned specimens are most valuable and most salable. Because of this, our selection of Chicago Warted Hubbard has been made. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c, lb. $1.40.**

Red or Golden Hubbard—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden-yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excells the green variety. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c, lb. $1.40.**

Mammoth Whale—This is the best "truly mammoth" squash. The squashes often grow three feet long, of a dark slate color, and sometimes weigh more than 100 pounds. Its greatest diameter is near the blossom end, and tapers from there to each end; this peculiar form, together with its immense size, doubtless suggested the name **Mammoth Whale.** It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and excellent quality. It is also an excellent keeper. **Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c.**

Red or Golden Hubbard.

Golden Custard—The golden scalloped "Patty Pan" or "Cymling" has for years been a favorite summer squash, on account of its earliness, etc. This sort is just as early, more prolific, and the fruits are much deeper, and have less prominent scallops, consequently are easier prepared, contain less waste and almost twice the amount of flesh. The plants are of the true bush habit. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 35c, lb. $1.00.**

Long Cream Vegetable Marrow—An English sort of superior quality. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. $1.75.**

Long White Bush Vegetable Marrow—Better for the small gardens than the Long Cream. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. $1.75.**

Extra Early Orange Marrow (Private Stock)—Color deep orange; rich flavored, fine grained. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.30.**

Essex Hybrid—One of the best flavored; a good keeping winter variety. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 40c, lb. $1.30.**

Mixed Varieties—This is a mixture of the best summer, fall and winter varieties. **Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c, lb. $1.25.**

Golden Custard.

Long Cream Vegetable Marrow.

Essex Hybrid.

SPINACH

(French—Spinard)

For summer use sow early in the spring, in drills eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a covering of straw. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose. Ounce to 100 feet of drill; 5 lbs. to the acre.

Long Season—The best variety to be sown in the spring and at monthly intervals for a succession of summer supply. It forms a dense rosette of thick, tender, succulent, crumbled leaves of intensely dark green color, their great substance and short-leaf stalks enabling them to stand up in hot weather, retaining their freshness for a long period after cutting. While we recommend it also for fall seedlings. **Pkt. (1 oz.) 5c, ¼ lb. 15c, lb. 50c.**

The following varieties: **oz. 5c, ¼ lb. 20c, lb. 60c, postpaid; by express 5-lb. lots at 50c per lb.**

Victoria—This new variety is distinguished by its exceeding dark black-green color, and also for its very long-standing qualities, being from two to three weeks later than the ordinary long-standing.

Catillion Long-Standing—It has thick, broad leaves of a fine green color; stands longer than any other.

Giant Thick-Leaved (Private Stock)—One of the best market sorts; long-standing.

OYSTER PLANT

OR SALSIFY

(French—Salsafis)

Sow in early spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October. When cooked the flavor somewhat resembles the oyster.

Mammoth Sandwich Island—One of the most delicious of winter vegetables, and also one of the most nutritious, the flavor is sweet and highly esteemed, whether served boiled with butter or other suitable sauce, or sliced and fried, or used in soup. This new variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight and of equally good quality. Seed sown in the spring produces large, fine roots that may be dug and stored in sand or earth in November, thus keeping them plump and sweet, to be used as desired during the winter. **Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.**

Send us your orders early. There is nothing to be gained by delay.

Oyster Plant.

TOMATOES

OUR SEED IS ABSOLUTELY THE BEST IT IS POSSIBLE TO PRODUCE.

Matchless.

Trucker's Favorite.

Chalk's Early Jewel.

"TOMATO CULTURE," by Will W. Tracey. It is no second-hand work of reference, but a complete story of the practical experience of the best posted expert on tomatoes in the world. Illustrated, 150 pages, **50c.**

Sow the seed in March and April in the hotbed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stalky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day if possible; if not, the young plants should be liberally watered and shaded from the hot sun. One ounce of seed for about 1,200 plants.

Spark's Earliana—The earliest, smooth, bright red Tomato of good size and flavor now in cultivation. The tomatoes are deep scarlet, averaging two and a half inches in diameter; they are smooth and solid, quite thick through. **Pkt. 5c, oz. 30c, 2 ozs. 55c, ¼ lb. $1.00.**

Matchless is a strong vigorous grower with large handsome tomatoes most abundantly throughout the season. The fruits, of a rich cardinal-red, are remarkably solid and smooth, free from core and uniformly of the finest flavor. The tomatoes are always of the largest size. For tomatoes of the largest size, always perfectly smooth, firm and handsome, long keeping qualities and finest flavor, we say without fear of contradiction that there is no scarlet-fruited tomato the equal of Matchless. **Pkt. 5c, ½ oz. 20c, oz. 30c, 2 ozs. 50c, ¼ lb. 1.00**

Trucker's Favorite—The finest large-fruited purple Tomato. Most regular in form and size, thick-meated and very solid, this is one of the largest smooth tomatoes grown. Of a beautiful purplish-red color, well ripened throughout, the smooth fleshy fruits always bring the highest prices on our market where their fine flavor is specially esteemed. The vines are of strong growth, not subject to rust or blight, and bear enormous crops until killed by frost. The fruits continue of large size to the very last and are unexcelled for slicing or cooking. **Pkt. 5c, ½ oz. 20c, oz. 30c, 2 ozs. 50c, ¼ lb. $1.00.**

Bonny Best—Fully ten days to two weeks earlier than "Chalk's Early Jewel." Color glowing scarlet, ripens evenly all over up to the stem. **Pkt. 10c, ½ oz. 35c, oz. 60c.**

The Princess—(D. & H.'s Private Stock)—The most distinct tomato in habit of growth grown. Will yield more bushels to the acre of first-class fruit than any other known variety. The fruit is of a reddish purplish color, resembling Champion; free from rot or spot; never cracks; almost free from acid. The vine grows very erect. Foliage is very distinct, being more of a potato leaf than any other variety we know of. No other variety can be planted so closely and allow room to pick the fruit. **Pkt. 5c, ½ oz. 40c, oz. 75c, 2 ozs. $1.25.**

Ponderosa or Monstrous, No. 400—The largest fruited Tomato in cultivation, and of fine quality for slicing; deep purple in color; solidly fleshy, with small seed cells; of particularly fine sweet flavor. Planted in good soil, fruits frequently attain a weight of one pound or more. **Pkt. 5c, ½ oz. 25c, oz. 40c.**

Chalk's Early Jewel—The most valuable extreme early and "all-purpose" bright-red Tomato. Matures only a week or ten days after Spark's Earliana, and in some soils equally as early, while the fruits are larger, heavier, handsome and produced even more abundantly and continuously. **Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. $1.00.**

Plentiful (Originator's Stock)—Its color is beautiful pink; in shape it is perfectly smooth, making it very handsome and saleable. **Pkt. 10c, ½ oz. 40c, oz. 75c. 2 ozs. $1.35, ¼ lb. $2.50.**

Strawberry or Winter Cherry—Grows enclosed in husk; excellent for preserves; will keep within husks all winter; very sweet-flavored, small yellow fruit. This is well worth growing for preserves, both on account of its fine quality and immense productiveness. The pretty, bright, yellow fruits also make a handsome dessert dish, while the flavor as fruit makes them popular. Ten plants in our Trial Grounds yielded a bushel of the small fruits. It is much earlier and in every way superior to a similar variety advertised as a novelty under the name of Cape Gooseberry. **Pkt. 5c, ½ oz. 25c. oz. 45c.**

Dwarf Champion (Private Stock)—A favorite variety with all who grow it; ripens early, and can be grown closer than the spreading vine sorts. **Pkt. 5c, oz. 25c, 2 ozs 40c, ½ lb. 75c.**

Mixed Varieties—All kinds, early and late, large and small, yellow, red and purple. **Pkt. 5c, oz. 25c.**

(French-Tomato)

Bonny Best.

Plentiful.

Strawberry or Winter Cherry.

Dwarf Champion.

Turnips

(French—Navet)

White Model (Private Stock)—A perfect globe-shaped, white-skinned turnip of medium size and fine flavor. For early sowing this is one of the best, being crisp and tender; and maturing in six weeks from the time of sowing. A good keeper. **Pkt. 5c, oz. 10c, 2 ozs. 15c, ¼ lb. 20c, lb. 75c.**

Red Top White Globe (Private Stock)—This is one of the handsomest and most suitable turnips we know of. As a profitable sort for market gardeners it is unsurpassed. For the home garden it is always desirable. It is a large, rapid-growing sort, with globular-shaped roots. Flesh is pure white, of high quality and excellent flavor. The skin is white and purple, will outyield any other sort. **Pkt. 5c, oz. 10c, 2 ozs. 15c, ¼ lb. 20c, lb. 50c.**

Purple Top, Strap-Leaved—Popular favorite with all. Will do well to sow either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Rather flat and of medium size. Color purple above ground, white below; flesh white, fine grained and tender. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

Golden Ball—A superior table turnip of bright yellow color; in flavor it is rich and sweet. A rapid grower; good keeper. **Pkt. 5c, oz. 10c, 2 ozs. 15c, ¼ lb. 20c, lb. 45c.**

Superb Mixture of Turnips—This mixture contains all the leading varieties of both early and late; a continuous supply may be had throughout the season. **Pkt. 5c, oz. 10c, 2 ozs. 15c, ¼ lb. 20c, lb. 50c.**

TOBACCO

White Burley—Most extensively grown in Kent and Essex. **Pkt. 5c, oz. 40c, 2 ozs. 70c.**

Connecticut Seed Leaf—The hardiest variety. **Pkt. 5c, oz. 25c, 2 ozs. 40c.**

Zimmer Spanish—One of the earliest varieties, and the best as the cigar filler. **Pkt. 5c, oz. 40c, 2 ozs. 70c.**

Recognizing the great value of a Tobacco Crop to farmers and others in Canada, we have had printed FULL and COMPLETE INSTRUCTIONS FROM THE SOWING OF THE SEED TO THE MARKETING OF THE CROP as practiced by the pioneer tobacco growers of the Counties of Kent and Essex, a copy of which will be sent free to all purchasers of one packet or more.

PLANT DEPARTMENT

The following by mail POSTPAID at prices quoted:

BY EXPRESS—We recommend customers to order their plants by express whenever it is possible, as the stock we send is larger and is shipped so as to protect the roots more carefully.

SAFE ARRIVAL GUARANTEED—We guarantee all plants to arrive in good condition. Any complaints must be made within one week after the plants have been received. We will then replace any which may not have arrived in good growing condition, but we cannot be held responsible for plants dying afterwards from neglect or any other cause. We do not pay express or freight charges.

ABUTILONS—Flowering Maples.

Always popular for pots, vases and baskets. Their flowers are perfect bell-shaped, and appear in masses all summer.

Eclipse—Trailing habit. Flower yellow and brown, foliage green spotted yellow.

Savitzi—The large deep green foliage, with a broad white margin, makes a fine contrast; of dwarf compact growth.

Price—Each 30c, 2 for 50c.

BEGONIAS—Flowering Varieties.

Alba Picta—Leaves are pointed glossy green, spotted white. **Each 20c.**

Metallica—Large glossy leaves, shaded with green crimson and olive, large pink flowers. **Each 25c.**

President Carnot—Foliage large, flowers beautiful coral red. **Each 25c. Set of 3 for 60c.**

CHRYSANTHEMUMS.

Chieftain—Midseason, deep clear pink, incurved.

Early Snow—Pure white, perfect form.

Golden Glow—Early large, bright yellow incurved.

Bayard—Dark crimson, late.

Mrs. W. E. Buckingham — The finest single, rose-pink.

Unake—Early, pleasing shade of pink.

Each 25c, set of 6 for $1.25.

COLEUS.

Beautiful foliage plants, splendid for bedding. **15c each, $1.50 dozen, $7.00 per 100 by express.**

Beckwith's Gem—Crimson-maroon, bordered green and gold.

Firebrand—Bright maroon.

Golden Bedder—The standard yellow bedding variety.

Louis Beck—Chocolate brown.

CYCLAMEN.

Giant Flowered—Beautiful winter blooming plants, most satisfactory for house culture; rose, white, salmon and crimson. **Each 25c.**

FUSCHIAS

Each 20c, 3 for 50c.

Black Prince—Deep rose-pink, single.

Speciosa—Good pink, single.

Trophee—Double purple, superb variety.

FERNS.

Roosevelt (The Wavy Boston Fern) — Among the newer forms of Nephrolepsis this variety attracts the most attention and is probably the best. It is strongly and compactly built with the same generous amount of foliage and depth of color as the Boston. Its leaflets or pinnaca being conspicuously waved. **Each 25c, 35c and 60c.**

Black Prince Fuchsia.

Golden Glow Chrysanthemum.

GENISTA.

Shower of Gold—Flowers are pure yellow and literally cover the plant, pleasing fragrance, large plants. **Each 40c.**

GERANIUMS.

Best double sorts. **Each 20c, dozen $2.00.**

Beaute Poitevine—Salmon Pink.

Mme H. Buchner — One of the best whites.

John Doyle—Soft scarlet, trusses large size.

S. A. Nutt—Dark crimson, finest of its color.

Best Single Sorts—Each 20c, doz. $2.00.

Dryden—A grand bedder, bright rosy red, with large white blotches.

Mrs. E. G. Hill—Salmon Pink, large truss.

John P. Cleary—Deep orange, scarlet.

SILVER LEAVED GERANIUMS.

Wm. Languth—Double bright red flowers.

Silver Leaved S. A. Nutt—Double crimson flowers.

Mme. Sallerio—Silver foliage.

Only 25c each, dozen $2.50.

OTABEITE ORANGE.

Dwarf plant with thick, glossy green leaves and fragrant white flowers, begins fruiting at once, and bears flowers and golden yellow oranges all season. large plants, **each 50c.**

PELARGONIUMS.

Lady Washington Geranium — Well adapted for pot culture but unsuitable for bedding. The flowers are large and showy. **Each 25c.**

PONDEROSA LEMON.

Has large deep green leaves and pure white, fragrant flowers. Produces very large edible fruit, very easily grown, large plants. **Each 50c.**

NEW HARDY HYBRID TEA ROSES.

British Queen—A beautiful pure white flower, slightly tinted pink when in bud; deliciously fragrant and very free flowering.

Mme. Edouard Herrot (The Daily Mail Rose—Buds coral-red shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red shaded with yellow and bright rosy-scarlet passing to a shrimp-red. **Each 85c.**

Willowmere — Coral-red, suffused with carmine when in bud opening to a large beautiful flower of a rich shrimp-pink, shaded yellow in the centre. It may be described as an improved "Lyon" Rose. Strong two-year-old plants. **Each 85c, one of each for $1.50.**

HARDY HYBRID TEA ROSES.

The following, each 50c.

American Beauty—Rosy Carmine, large and fragrant.

Belle Siebrecht—Brilliant pink, superb.

Bessie Brown—Creamy white, immense size, full, double and fragrant.

General McArthur—Rich crimson scarlet, sweet scented.

Kilarney—Beautiful silvery pink.

La France—Silvery-rose, lilac shading.

Richmond — Brilliant crimson-scarlet, fragrant.

White Killarney—Pure white, very long petals.

NEW HARDY HYBRID PERPETUAL ROSES.

Coronation—Color shading from flesh to bright shrimp pink, handsome foliage, the largest rose grown. **Each 60c.**

George Arends (Pink, Frau Karl Druschki)—Beautiful rose color, produces its large, elegant flowers on long stems, fragrant and prolific. Strong two-year-old field-grown plants. **Each 60c.**

HARDY FRAGRANT HYBRID PERPETUAL ROSES.

The following, each 35c, or 3 for $1.00.

Baron de Bonstettin — **Rich dark red**, splendid large flowers.

Baron de Rothschild—Rich satiny pink. very large.

Captain Christy—Delicate flesh pink, rosy centre.

Duke of Connaught—Velvety crimson.

Earl of Dufferin—Rich brilliant velvety crimson, shaded with dark maroon, large and full fragrant.

Fisher Holmes—Dark scarlet, large.

Frau Karl Druschki — Pure snow white long buds, large.

General Jacqueminot—Bright red velvety fragrant.

Hugh Dickson—Brilliant crimson, shaded scarlet, large pointed flowers.

John Hopper—Bright rose, reverse of petals, pale lilac, large and double.

Margaret Dickson — White pale flesh. centre petals large.

Mrs. John Laing—Soft pink, fragrant free flowering.

John Doyle Geranium.

HARDY ROSES

Blanche Moreau—Moss Rose.

BABY RAMBLER or POLYANTHA ROSES.

Catherine Zeimet — Pure white, large clusters, freely produced.

Jessie—Bright cherry crimson, in large clusters.

Mme N. Levavasseur (Crimson Baby Rambler)—Color is a clear and brilliant ruby red, fine for forcing in pots and for dwarf hedges and bedding.

Mrs. W. M. Cutbush—A beautiful color of cerise-tinted pink, very large trusses.

Strong two-year-old field-grown plants, **each 40c, 4 for $1.50.**

MOSS ROSES.

Blanche Moreau — Large, pure white flowers, beautiful buds, a rampant grower.

Cristata—A prettily crested pink variety.

Wm. Lobb—Large bright red flowers.

Strong two-year-old field-grown plants, **each 40c, 4 for $1.50.**

HARDY CLIMBING ROSES.

Baltimore Belle — Double rose flowers, produced in clusters, splendid.

Dorothy Perkins—Resembles the Crimson Rambler in habit, beautiful shell-pink, full and double.

Flower of Fairfield—A perpetual flowering crimson rambler, in bloom all summer.

Gold Finch—Yellow, beautiful.

Prairie Queen—Large, bright rosy-red flowers.

White Rambler (Thalia) — Similar to Yellow Rambler except in color.

Yellow Rambler (Aglaia)—Bright yellow, small full flowers, produced in clusters.

Strong two-year-old field-grown plants, **each 40c, 4 for $1.50.**

Hardy Herbaceous Perennials

Perfectly hardy anywhere, and thrive and bloom year after year with little care, after once well planted. Height of plant and period of blooming is indicated.

Anemone Japonica—September, 2 feet. **Prince Henry**—Semi-double red. **Whirlwind**—Double white. **Queen Charlotte**—Double pink. **Each 25c.**

Aquilegia (Columbine)—Excellent border plants. May to July. **Canadensis**—1 to 2 feet spurs. **Chrysanths**—Yellow. **Long Spurred Hybrids**—Splendid varieties in mixed colors. **Each 25c.**

Campanula, Bell Flower (Persicifolia—2 feet, white, blue. **Pyramidalis (Chimney Bellflower)**—Blue, white. July to August; 3 feet. **Each 25c. Glomerata Superba**—Purple, 2 feet; June to August. **Moorheimi Gigantea**—Very large double white flowers, splendid; 2 feet; June to October. **Each 30c.**

Coreopsis Lancelata — Beautiful border plant; golden yellow; 2 feet; June to October. **Each 25c.**

Delphinium (Larkspur)—Very attractive and graceful plants; June to October. **Named Varieties**—Large selection. **Each 35c. Large Flowering Hybrids**—A very fine strain of mixed hybrids. **Each 25c.**

Dianthus Plumarius (Hardy Garden Pinks—1 foot; June and July. **Mrs. Sinkins**—White clove. **Roode Voorbode**—Red; June and July. **Each 25c.**

Gaillardia Grandiflora (Blanket Flower)—Very showy, large flowers, assorted colors; 2 feet; June to October. **Each 25c.**

Gypsophila Paniculata (Baby's Breath)—Minute white flowers, splendid for cutting; 2½ feet; July to August. **Each 25c.**

Hollyhocks Double—6 feet; July to September. Great favorites; flowers large and brilliant; double yellow, double crimson double pink, double scarlet, double rose, double white. **Each 25c. Allegheny**—Immense flowers, fringed petals. **Each 25c.**

Oenothera Youngi (Evening Primrose) Fine border plants; 1½ feet; June to October. Large Primrose, yellow. **Each 25c.**

Platycoden (Ballon Flower) — Very showy bell shaped flowers; white, blue; 2 to 3 feet; July and August. **Each 20c.**

Paeonies Double—Exceedingly effective, the diversity of color, profusion and duration of bloom, handsome massive foliage and easy culture render them most popular; May and June; 2 feet.

LOUIS VAN HOUTTE—Dark Crimson, rich and very striking, large and fragrant. **Each 40c.**

MODESTE GUERIN—Bright rose pink, extra good, large and fragrant. **Each 40c**

QUEEN VICTORIA—Pure white with creamy white centre, fragrant. **Each 35c.**

RUBRA SUPERBA — Brilliant deep crimson, very fragrant, large. **Each 40c.**

DOUBLE PINK SHADES — Mixed. **Each 25c.**

DOUBLE CRIMSON SHADES—Mixed. **Each 25c.**

DOUBLE WHITE SHADES — Mixed. **Each 25c.**

Phlox Hardy—One of the finest perennial plants; July to September; strong field-grown plants.

Standard Varieties. Each 25c.

BOUQUET DE FLEURS — White with cherry-red eye.

COQUELICOT—Orange-red.

AETNA—Deep coral-red.

JEAN BART — Pale rose-pink, white centre.

NANA COERULEA—Dwarf habit, sky-blue, blooms profusely.

ROSE QUEEN—Clear pink.

MIXED Varieties, 20c each.

Poppy "Iceland" — Large flowering, handsome, yellow, red, and white. **Each 25c**

POPPY "Oriental" — Beautiful, large flowers, separate colors; 2 to 3 feet; June and July. **Each 25c.**

STATICE TATARICA (Sea Lavender)—Bluish violet; July to September; 2 feet. **Each 25c.**

SHASTA DAISY—Very large white flowers; 2 feet; June and July; newest varieties. **25c each.**

TRITOMA (Red Hot Poker) — 2 feet; August to October; deep scarlet and yellow. **Each 25c.**

YUCCA (Adam's Needle)—An effective plant, creamy white flowers; July to August; 4 feet. **Each 25c.**

Clematis.

HARDY CLIMBING VINES

Ampelopsis Veitchii (Boston Ivy)—Grows rapidly, clings firmly to any wall, tree, etc. Leaves olive green, changing to scarlet in autumn. **Each 25c.**

Aristolochia Sipho (Dutchman's Pipe)—A vigorous growing climber, brownish colored flowers, resembling a Dutchman's pipe, leaves light green and very large. **Each 50c.**

Bignonia Radicans (Trumpet Vine)—Useful for covering unsightly places. Flowers are dark red, orange throats, large and trumpet-shaped. **Each 35c.**

Clematis (Large Flowered Varieties)—Very popular hardy climbers; remarkable for their beauty.

Sieboldi—Lavender, very fine.

Henry II.—Beautiful creamy white.

Jackman I.—Rich, velvety violet, purple.

Jackmani Alba—A splendid pure white variety.

Mme. Baron Veillard—Light rose, lilac shadings, handsome.

Duchess of Edinburgh—Double white.

Ville de Lyon—A splendid bright red variety.

Two-year-old plants, 75c each.

Clematis Paniculata (Japanese Clematis)—Glossy, green foliage. Flowers are white, star-shaped and borne in large clusters, fragrant. **Each 35c.**

Honeysuckle (Scarlet Trumpet) — Produces scarlet flowers all summer. **Each 50c.**

Hall's Japan — Vigorous growth, white flowers, changing to yellow. **Each 50c.**

Belgian—Sweet Scented Monthly. Fine red and yellow flowers. **Each 50c.**

Pueraria Thunbergians (Kudzu Vine)—The most rapid growing vine in cultivation. Foliage large, blossoms rosy-purple. **Each 35c.**

White Chinese Wistaria—Large drooping clusters of lovely pea-shaped flowers, sweet scented. It grows strong and high, makes a pretty leafy screen. **Each 75c.**

Blue Chinese Wistaria—One of the most beautiful of the Wistaria. Produces large clusters of rich violet blue flowers, richly perfumed. **Each 75c.**

SUMMER FLOWERING BULBS

SPECIAL NOTICE—The packages or boxes in which the bulbs are received should be opened and unpacked at once upon receipt. The bulbs not needed for immediate planting should be spread out thinly in a dry, cool place where they will be safe from the extreme heat or freezing.

GLADIOLUS

America—The sterling qualities of this variety have placed it in the foreground of all Gladioli, and it has come to be used as a standard by which all others are judged and compared. Flesh pink, tinted with lavender. Vigorous and easily grown; long spike, large flowers well placed; excellent foliage. **Each 7c, dozen 65c, 100 $2.00.**

Mrs. Francis King — Effective flower spike with flower four and a half inches across, and five to six flowers well spread out on the spike at the same time; gives for vases an effect not produced by any other Gladiolus. Brilliant flamingo pink, blazed with vermillion red; is most effective both in daylight and under artificial light. **Each 10c, dozen 75c, 100 $2.50.**

Augusta—Lovely pure white, with blue anthers; strong, straight spikes often having two or three branches. **Each 10c, dozen $1.00, 100 $4.00.**

Princeps—Rich crimson with very deep shading in throat, and magnificent large white blotches on lower petals. Flowers are large and fine as an Amaryllis, and probably the most magnificent sort as to size and beauty. Blooms for a long time, like America. **Each 8c, dozen 80c, 100 $2.50.**

Halley—The predominating color of these flowers is delicate salmon pink, with a slight roseate tinge; the lower petals bear a creamy blotch with a stripe of bright red through the centre, the whole producing a delightful effect. **Each 8c, dozen 80c, 100 $2.50.**

Pink Beauty—Brilliant dark pink with distinct dark red blotch. The earliest of all; best forcer, extra selected. **Each 7c, dozen 75c, 100 $2.50.**

Baron Hulot—The finest blue Gladiolus yet seen. Rich deep color of an indigo shade. **Each 7c, dozen 70c, 100 $2.50.**

D. & H.'s I. X. L. Mixture — A splendid well-balanced mixture containing a marvelous variety of bright colors, many charmingly blended, striped and blotched. For brilliancy these Gladiolus cannot be surpassed. Those who wish an ample supply to cut for bouquets should plant liberally of this choice mixture at intervals of two weeks. We were awarded first prize for the largest and best collection of bloom at the Western Fair, as grown from such bulbs as we now offer you. Price within the reach of all. **Dozen 25c, 25 for 40c, 50 for 75c, 100 for $1.40. By freight or express at purchaser's expense, 1,000 for $7.00. Will be sent soon as danger from frost is past.** Dozen and 100 prices include postage; six sent at dozen rate. 250 at 1,000 rate. If desired to be sent with other articles by express or freight, 5c per dozen or 25c per 100 may be deducted from prices quoted.

Do not forget to invest in some Gladiolus—They are beautiful.

Amaryllis Johnsonii.

TUBEROUS-ROOTED BEGONIAS.

Unexcelled for summer bedding, such as lawn beds and borders. They should be grown more extensively than they are now, for they require no more care than ordinary bedding plants. They will thrive in full sunshine or partial shade, but when fully exposed to the sun, the beds must be kept moist.

Single Sorts—White, scarlet, yellow, pink. **Each 6c, 4 for 20c, per dozen 60c, per 100 $4.00, 250 for $9.00.**

Single Mixed Colors—Each 5c, 4 for 18c, per dozen 50c, per 100 $3.50.

Double Sorts—White, scarlet, yellow, pink. **Each 10c, 4 for 35c, per dozen $1.00, per 100 $7.00, 250 for $15.00.**

Double Mixed Colors—Each 8c, 4 for 30c, per dozen 80c, per 100 $6.00.

GLOXINIAS—NEW GIANT FLOWERING HYBRIDS.

Beautiful tuberous-rooted plants of dwarf habit and one of the most useful potplants for indoor culture. Flowers are trumpet-shaped, borne erect above the leaves and of exceedingly rich coloring and marking, ranging from deep scarlet to violet blue.

Use part leaf mold and sand in potting, as they like a light soil. Be careful in watering so as not to wet the leaves, otherwise they will spot and the plant will lose part of its beauty.

Mixed colors—Each 10c, 3 for 25c, dozen $1.00, prepaid.

MADEIRA VINE—Tuberous-rooted climber, with glossy green leaves and delightfully fragrant, white blossoms. Sometimes called Mignonette Vine. It is of rapid growth, and from a few tuber vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during the winter. **Each 5c, dozen 50c.**

CINNAMON VINE—A highly desirable climber. The beautiful vine makes shoots sometimes 25 feet or more in length, and in a remarkable short space of time, and will quickly cover an arbor, trellis or verandah with a profusion of handsome foliage amid numbers of white blossoms. **Each 5c, 6 for 25c, postpaid.**

THE BARBADOES SPICE LILY.

Amaryllis Johnsonii—A magnificent plant for pot culture during the winter. Their immense flowers, richness of color and regal habits are incomparable. The bulbs are large and produce strong spikes of bloom, bearing trumpet-shaped flowers, averaging 6 to 10 inches across, of rich glowing scarlet intensified by a wide white strip through each petal; spikes frequently produce 4 to 8 flowers, and often 2 or 3 spikes are produced at a time. Requires a little bottom heat or to be watered with warm water. **Large bulbs, each 35c.**

LILLIES.

The Golden-Banded Lily of Japan—(Auratum, the Queen of Lillies)—Immense white flowers, each petal marked with a wide gold band, spotted with maroon; very free blooming. It is considered by many the finest of them all. (Ready October and November.) Fine bulbs 8 to 9 inches. **Each, 25c, dozen $2.50.**

Album—Pure white and very fragrant. Extra large bulbs. **Each, 20c, dozen $2.00.**

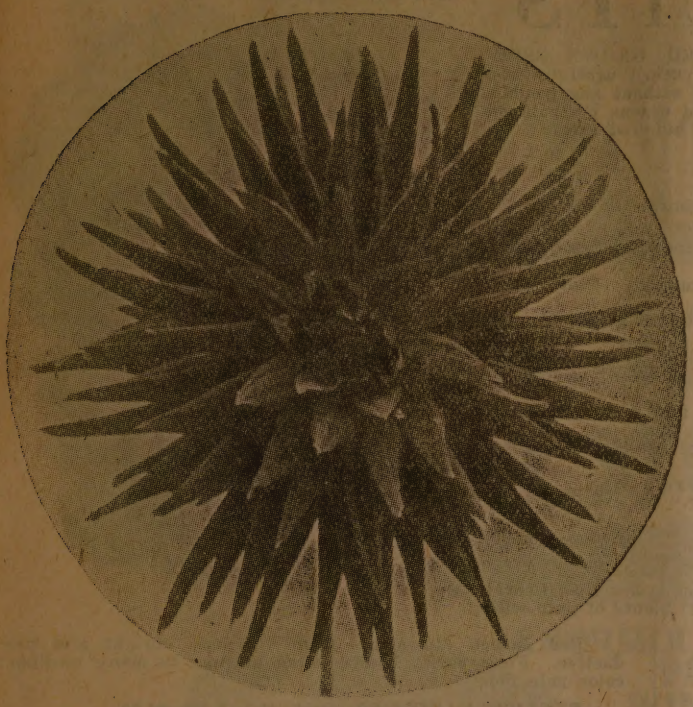
Rubrum—White ground, with band and spots of rose or crimson on each petal. One of the best and handsomest Lillies. **Each 20c, dozen $2.00.**

Malpomene—Large flowers, rich blood-crimson, heavily spotted. **Each 20c, dozen $2.00.**

The Golden Banded Lily of Japan.

Do Not Forget to Invest in Some of Our I. X. L. Mixture of Gladiolus—The Pleasure will be All Yours.

DAHLIAS



NEW GIANT SHOW DAHLIAS.

"RUBENS"—A favorite possessing remarkable qualities and destined to hold first place. The flowers being yellow with prominent orange centres. **Each 50c.**

"Isis"—A new sort of immense size large petals full double orange, scarlet suffused with carmine with golden sheen at the tips. **Each 40c.**

GENERAL COLLECTION SHOW DAHLIAS

Each 25c, dozen purchaser's selection $2.50.

Mrs. Dexter—A rich shade of salmon.
Willie Garrett—Richest crimson scarlet.
Hero—Deep crimson maroon shaded purple.
La France—Large delicate pink.
Madge Wildfire—Bright flaming scarlet.
Pink Beauty—Pink mauve, a new color.
Red Hussar—Cardinal Red.
John Bennett—Large yellow tipped red.
Miss Alice King—Ivory white shaded and edged with soft rose.
Crimson Globe—Round crimson, full centre.
Lady Grey—Old Rose, new, large, beautiful.
Storm King—Finest of all white, extremely early.
Carol—White tinted soft pink and amber.
Queen of Yellows—Primrose yellow.
Mrs. N. Halls—Scarlet tipped white.
Hon. Mrs. P. Wyndham—Light yellow tipped crimson pink.

NEW FANCY DAHLIAS

W. W. Rawson—The petals towards the centre are quilled similar to that of Grand Duke Alexis, toward the outer part they are made open and flat. The color is pure white overlaid with amethyst blue. This combination gives it an appearance of a delicate lavender. **Each 50c.**

Mrs. Wm. Treseder—New English variety, a very delicate and effective variety of creamy yellow heavily edged with rose pink. **Each 40c.**

GENERAL COLLECTION FANCY DAHLIAS

Each 25c, dozen purchaser's selection $2.50.

Goldsmith—Yellow striped and edged with bright glowing crimson. **Jessie McIntosh**—Red tipped white.
Gold Medal—Bright canary yellow striped and splashed red.
Novelty—Rose flaked purple and pink.
Gem—White edged bright rose.
Keystone—Pink striped crimson.
Marie Gehring—Canary yellow pencilled red.
Mrs. Stancombe—Straw, pencilled red, mottled and tipped pinkish white. **Uncertainty**—Carmine white to crimson maroon.
Miss Browning—Buttercup yellow tipped white.
Frank Goodman—Rich purple tipped white.
Peerless—Chocolate and fawn.
Polly Sandall—Bronze yellow veined, pinkish white.
Wizard—Fawn striped with maroon and tipped white.
A. B. Burnie—Dark orange ground lightening to yellow towards the edges.
Roboni—Deep copper and amber shade.

NEW AND EXTRA CHOICE DECORATIVE DAHLIAS

Dreer's White—One of the best for exhibition purposes, a free flowering variety very large pure white, without a shade or blemish resembling in form Grand Duke Alexis. **Each 40c.**

Purple Duke—A magnificent flower of great individuality, the petals are cupped, shaped and evenly quilled in the centre. The color is deep, rich purple, a royal color which attracts every person's eye. **Each $1.00.**

Le Grand Manitou—The first variegated dahlia type. The flowers are from 5 to 6 inches across. The ground color being white prettily spotted, striped, blotched and suffused with reddish violet. **Each 50c.**

GENERAL LIST "DECORATIVE DAHLIAS."

Each 25c, dozen purchaser's selection $2.50.

Grand Duke Alexis—Pure White.
Professor Mansfield—Golden yellow tipped white.
Cuban Giant—Dark glowing crimson shaded maroon.
Zulu—Black maroon. **Fire Rain**—Cardinal red.
Water Lily—Petals white striped rose centre.
Oban—Nearest approach to blue found in dahlias.
Miss Nellie Stewart—White, centre shaded to pink.
Sundew—Golden orange. **Orange King**—Nice orange.
Lyndhurst—One of the best bright scarlet.
Clifford W. Bouton—Best yellow. **Jumbo**—Crimson dark.
Jack Rose—The color is a rich shade of crimson.
Gettysburg—Bright, rich scarlet, fine form.

NEW CACTUS DAHLIA.

Geisha—The showiest and most attractive of this type yet introduced; of strong growth, with the rich colored flowers standing well above the foliage. These are original in form, consisting of peculiarly twisted and curled petals of an effective and rich combination of scarlet and gold. The centre being yellow which becomes suffused with and deepens to scarlet at the centre of the petals shading off lighter at the edges. **Each 50c.**

Excelsior—A refined and beautiful variety with long and extremely narrow petals forming perfect full flowers of a deep maroon. **Each 50c.**

High Sheriff—One of the gems, flower of fine form of a bronzy rose color passing into a golden bronze towards the centre. The combination giving a glow not found in any other dahlias. **Each 40c.**

GENERAL LIST CACTUS DAHLIAS.

Each 25c, dozen purchaser's selection $2.50.

Ringdove—Pinkish fawn or dove color gradually shading to pure white at tips of petals.
J. H. Jackson—The largest, finest of the deep red.
Sailor Prince—A grand rich crimson, long, narrow petals, maroon, finest form, full centre.
Prince of Yellow—Large, color a rich canary yellow.
Village Maid—Yellow tipped carmine.
Edith Groome—Color snow white, large size form.
Gladiator—Deep apricot at base, passing to salmon at tips.
Winsome—Fine white large twisted and curved petals.
Titania—Large deep maroon with stag horn petals.
Uncle Tom—The best black cactus.
Shamrock—Fine Orange shaded scarlet.
Country Girl—Golden yellow suffused with salmon rose.
The King—Richest velvety crimson.
Northern Star—Crimson scarlet.
Amos Perry—Bright scarlet.
Harbor Light—Orange red, overlaid with flame.
Osprey—Yellow, striped with scarlet.
Horn of Plenty—Deep carmine purple.

NEW SINGLE CENTURY DAHLIAS.

Etendard de Lyon—Even the person who classes all shades of purple as so called malignant magentas stops to admire this beautiful carmine rose new giant, which we consider one of the most distinct varieties for garden decorations. The flowers are of a hybrid cactus type, distinct in shape from all others; the petals are broad curled and wavy and form a flower fully six inches in diameter and four inches deep, a very large flower yet without stiffness or formality; its color is a rich carmine rose with a brilliant suffusion difficult to describe. **Each 50c.**

Poppy Century—Resembles in richness of coloring the barbaric splendor of the oriental poppy. Bright, live garnet with glistening satiny sheen. **Each 50c.**

Mrs. J. C. Hance—One of the prettiest, very large, well rounded flowers; early in the season, it is white, slightly flushed and tipped with a soft rose pink, later in the season the entire flower is a tender rose pink. **Each 40c.**

Twentieth Century—Early in the season an intense rosy crimson shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter changing to almost pure white suffused with soft pink. **Each 40c.**

GENERAL LIST SINGLE CENTURY DAHLIAS.

These magnificent single varieties are all of free branching habit, flowering early, profusely and continually throughout the season; flowers 4½ to 6 inches across on stems 3 feet long, and when cut keep in good condition for many days. Any of the following: **Each 25c, one of each for $1.75.**

White Century—Pure white with large heavy overlapping petals of good texture.
Crimson Century—Rich, deep velvet crimson shaded maroon with rose halo around a yellow disc.
Fringed Century—Intense rosy crimson with lighter markings fringed or cleft petals.
Golden Century—A splendid large primrose yellow.
Maroon Century—A splendid rich maroon with yellow disc.
Pink Century—Delicate soft pink.
Scarlet Century—Brilliant scarlet golden disc.

COTTAGE GARDEN COLLECTION

A collection of thirteen varieties, all different, our selection. Unusual value when names are unimportant, but sure to please in variety of type and color. **$1.50 postpaid, or by express for $1.25.**

CHOICE FRUITS

ALL OUR PLANTS ARE STRONG AND WELL ROOTED, GROWN ESPECIALLY FOR OUR LARGE MAILING TRADE and will be packed carefully and sent in good time, so order early. We can send plants by mail without any trouble, so please send us a trial order.. Single plants, half dozens and dozens postpaid on receipt of price. Half-dozens furnished at dozen rates; fifty at hundred rates.

STRAWBERRIES

Price, postpaid, 25 for 35c, 50 for 65c, 100 for $1.25. By express at buyer's expense, 100 for $1.00, 1,000 for $7.50, 250 of a kind at 1,000 rate.

We have aimed to include only those varieties which by actual test have proven the most reliable.

Bederwood (Perfect)—One of the best for home use or market. Fruit large, bright scarlet, firm and of fine quality; early.

Brandywine (Perfect)—A valuable late sort. Berries large, bright glossy crimson, firm and of good flavor.

Crescent—One of the oldest and best, and a great yielder under good cultivation.

Lovett (Perfect)—A hardy variety, very firm berry, of good color; medium to late.

Sample (Imperfect)—A large fine berry; a great yielder and a good shipper. Makes a large plant, roots deep.

Senator Dunlap (Perfect)—One of the best market berries; prolific and profitable; bright glossy red, of first-class quality; mid-season.

Splendid (Perfect)—Large, handsome deep red, of fine quality.

Warfield (Imperfect)—Plant with Bederwood for a fertilizer. An excellent sort; in appearance much like Senator Dunlap.

CURRANTS

Perfection—Bush vigorous, hardy and very productive; berries larger than Cherry or Fay, with larger clusters; color bright red; rich, mild sub-acid; plenty of pulp with few seeds. **Each 35c, postpaid 40c, 10 $3.00.**

White Grape—Bush vigorous, somewhat spreading, productive; clusters long; berries large to very large; of very attractive color, mild flavor and good quality. A good table variety.

The following varieties, each 25c. Dozen $1.50.

Cherry—Bush vigorous, stalky and compact; cluster rather short, with short stems; fruit averages large; color fine bright red; berry thin skinned, juicy and fine flavored. One of the most productive of the large currants.

Fay (Fay's Prolific)—Bush vigorous, but not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry; berry averages large; juicy and less acid than Cherry.

Raby Castle (Red)—Is one of the most profitable of all for market; great productiveness, fine, healthy liage, good quality.

Versailles (Red)—Clusters longer than Cherry, berries a little smaller; very productive; one of the most profitable.

Boskoop Giant—An exceedingly fine currant of recent introduction from Holland. Berries larger than most black varieties; vigorous grower; season about with Champion.

Black Champion—Bush vigorous and productive; fruit averages above medium; pulp nearly sweet, mild flavored.

Lee's Prolific—Bush short, dwarfish, moderately vigorous, productive; fruit varies from small to very large; acid.

Black Naples—The old reliable standard black currant, vigorous, productive; best on heavy soil.

BLACKBERRIES

Each 25c, 12 $2.50.

Ancient Briton—Of medium size and best quality; immensely productive; extremely hardy, enduring severe winters without injury. A reliable market variety.

Agawam—Ripens earlier than other kinds and has a flavor similar and equal to the wild berry. Perfectly hardy; one of the very best hardy sorts.

Eldorado—Medium to large, jet black, melting, sweet and rich, small seeds and core; very hardy and productive.

Snyder—Of medium size and fair quality when well ripened. The most popular blackberry. Ripens early; very hardy.

DEWBERRY

Each 20c, 12 $2.00.

Lucretia—A low growing trailing blackberry. Large, soft, sweet, of very good quality, with no hard core. The plant is quite hardy and under favorable conditions, very productive.

GOOSEBERRIES

AMERICAN VARIETIES—Each 30c, 12 $3.00.

Champion—Fruit oblong, greenish white, tremendously productive. 12 berries' weight 1½ ounces.

Golden Prolific—A fine large variety; golden in color when ripe, and very desirable.

Downing—Bush vigorous and very productive. Fruit medium to large, skin whitish green; flesh soft, juicy.

Houghton—Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender.

Pearl—Bush moderately vigorous; immensely productive. Fruit about size of the Downing; of fine quality.

Red Jacket (Josselyn)—Bush vigorous, upright and productive. Fruit varies in size from medium to above medium; color pale red.

ENGLISH VARIETIES—Each 40c, dozen $4.00.

Industry—This is, without doubt, the most thoroughly tested and successful of the English varieties. The bush is strong, upright, immensely productive. Berries of the largest size; dark red.

Crown Bob—Fruit large, oblong, hairy; flavor first-class.

White Smith—Fruit large to very large, oblong, flavor good, productive, fairly vigorous. One of the best.

RASPBERRIES

Each 15c, 12 $1.50.

Cuthbert—Deep, rich crimson, large to very large; very firm. One of the very best market varieties. Season medium to late. A remarkably strong and productive variety.

Herbert—Hardy and very productive. Fruit bright, deep red; season before Cuthbert; has all good qualities of a first-class berry, being hardy, vigorous and productive, with fruit of good size and color and extra good quality.

Louden—One of the best red raspberries in existence. Size very large, equal to Cuthbert; firm; ripens about same time.

Marlboro—Light crimson, large, very firm, and of good quality. A fine early market variety; vigorous and productive.

Columbian—Dull purple; very large, moderately firm. A good market berry and one of the best for canning. Bush remarkably strong and wonderfully productive.

Cumberland—Black; very large; very similar to Gregg in quality and firmness; in hardiness and productiveness it is unexcelled. One of the best mid-season market berries.

Gregg—Black; has been for years the leading market berry. Large, firm, of good quality, ripening late; productive.

Hilborn—Fruit jet black; large as Gregg and better flavor, strong grower, perfectly hardy, few thorns, very productive.

Ohio—An old variety, of very vigorous, upright growth, very productive; berry large.

GRAPES

No. 1 Stock. Each 30c, dozen $3.00.

Brighton (Red)—Bunch medium to large; berries medium skin thin, flesh tender, sweet, with scarcely any pulp; quality best. One of the best early red grapes.

Campbell's Early (Black)—Bunch large, compact; berry large, nearly round, slightly elongated; adheres strongly to stem; skin thick, tough and does not crack; flesh sweet, with slight aroma; a fine shipping grape. **Each 35c, 10 $3.00.**

Concord (Black Early)—Decidedly the most popular grape in America, and deservedly so. Bush large, compact; berries large, covered with a rich bloom; flesh juicy, sweet, tender.

Delaware (Red)—Bunch small, compact; berries small; skin thin, but firm; juicy, sweet, refreshing, of best quality.

Moore's Early (Black)—Bunch not quite as large as Concord; berries larger and very much like it in flavor and quality. Nearly out of market before Concord is ripe.

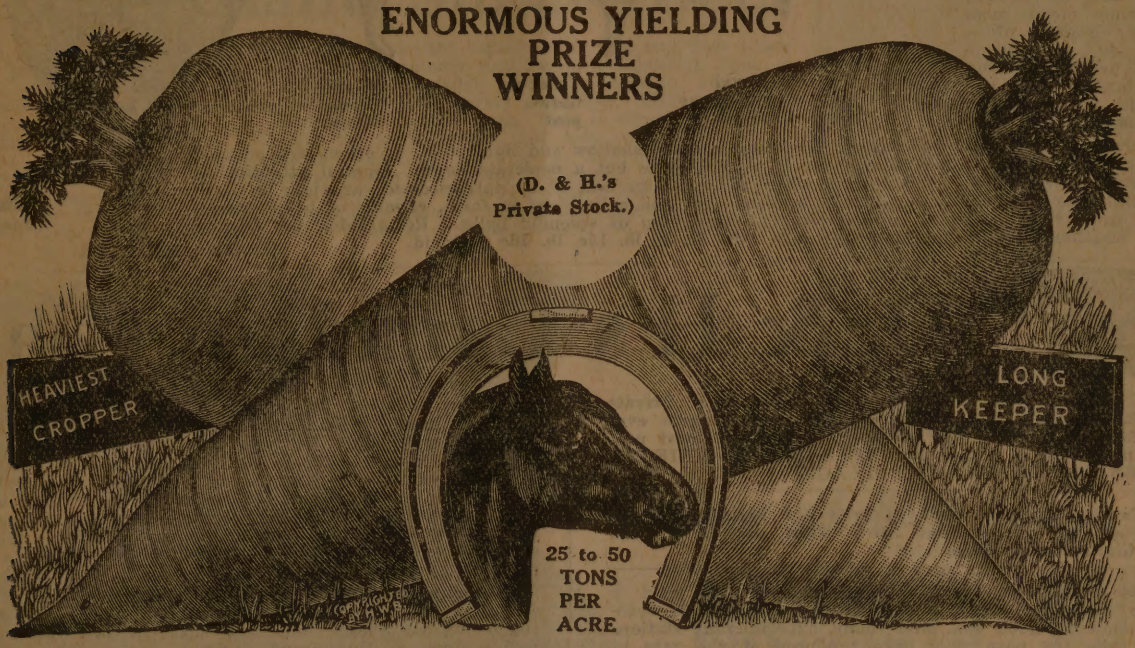
Pocklington—Pale green, usually with tinge of golden yellow where exposed to the sun; bunch large, very compact; berries very large, covered with a beautiful white bloom; flesh juicy, sweet.

WE DO NOT PAY FREIGHT ON SEED GRAINS.

Wheat, Peas, Barley, Corn, Oats, Clover, Timothy, Millet, Hungarian, etc., subject to market fluctuations.

CONDITIONS OF SALE—Darch & Hunter Seed Co., Limited, give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop.. All seeds bought from them must be accepted on these conditions.

THE BEST STOCK CARROTS



D. & H's Improved Half-Long White

SHORT AND EASILY HARVESTED.
AN IMMENSE CROPPER.
A GRAND KEEPER.

We want to urge just one thing on every farmer who receives this book. It is this, **try our WHITE CARROT,** There may be room for a difference of opinion regarding many varieties of seeds, **but there cannot be room for difference of opinion as to which is the best crop carrot.**

D. & H.'s HALF-LONG WHITE CARROT is the heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is **white, crisp, solid** and **very sweet** in flavor. It is a vast improvement on the white Belgian sorts which have been favorites in the past, as it is not only **much more productive, but vastly easier to handle.** The roots are short and **very heavy at the shoulder,** rendering them **easily harvested.** An important feature also is that they **do not easily break** in pulling or storing. Too much can scarcely be said of their **size** and **great productiveness.** The roots frequently measure **fifteen to twenty inches in circumference and eighteen to twenty-five tons to the acre** is not an extravagant statement as to yield. **Oz. 15c, ¼ lb. 50c, lb. $1.50 postpaid.**

If you wish to grow carrots for stock you will make a serious mistake if you grow any other than these two kinds. It seems no exaggeration to say that we could fill a book as large as this catalogue with the written and spoken praises that our customers have lavished upon these carrots. We have yet to learn of a single instance in which they have failed to give the fullest satisfaction. Wherever they are shown at fairs, exhibitions, etc., they invariably catch the prize.

GIANT YELLOW INTERMEDIATE

This is the largest and unquestionably the heaviest cropping and most nutritious yellow variety in cultivation. It is the largest and best formed orange or yellow carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing big feeding properties. It is a heavy cropper on all soils, but especially adapted to strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow above the ground, it is much easier to gather the crop. This grand variety is sure to suit everyone who grows it. **Oz. 15c, ¼ lb. 35c, lb. $1.25, postpaid $1.30.**

We are frequently asked, "Which is the better of these two carrots?" While there are many who prefer **D. & H.'s IMPROVED HALF-LONG WHITE,** we are free to say that **GIANT YELLOW INTERMEDIATE** is almost as much in favor. It is true that yellow carrots are sometimes better in feeding qualities than the white, but there is no other white stock carrot that can compare with **D. & H.'s IMPROVED HALF-LONG WHITE** for all-round good qualities.

YOU CAN DO MORE AND BETTER WORK WITH A WHEEL HOE. SEE PAGE 74.

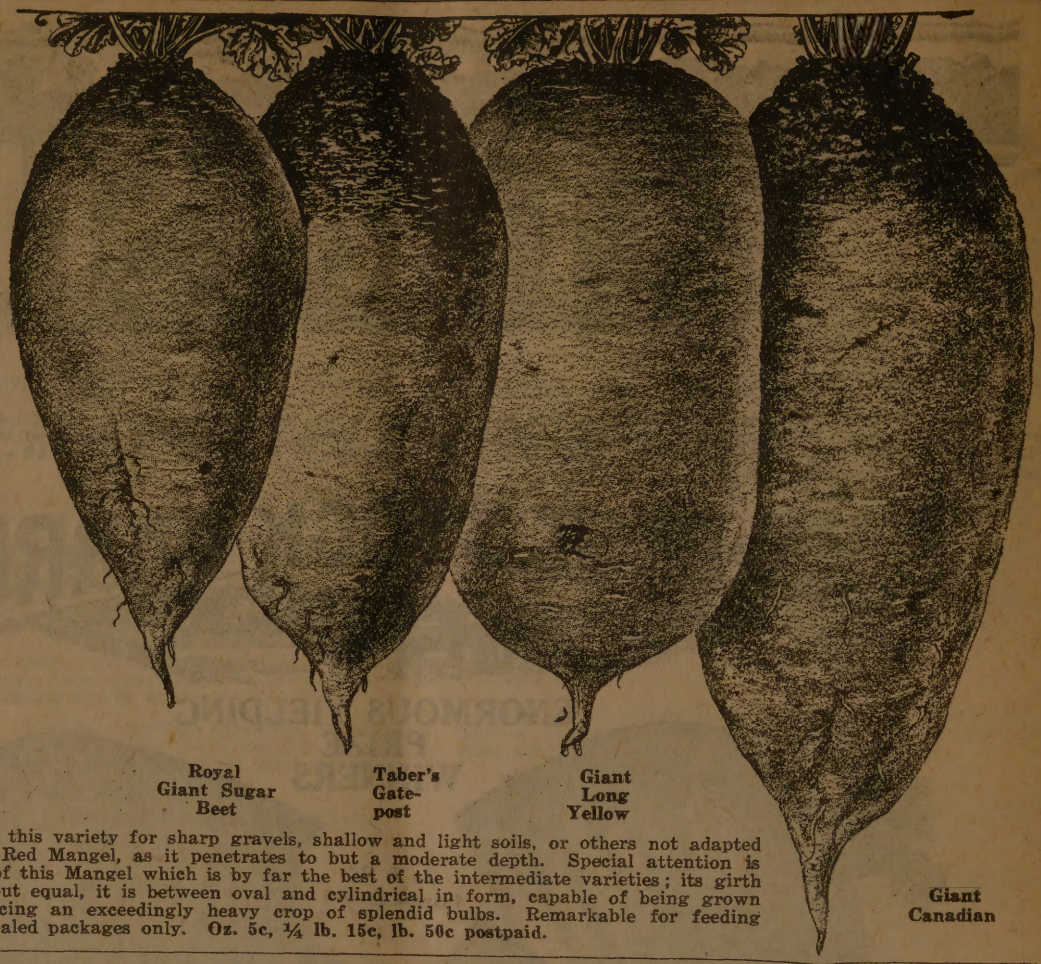
5 BEST MANGELS

THE GENUINE AND TRUE STOCK OF THIS VALUABLE VARIETY CAN ONLY BE HAD FROM US

TABER'S GATEPOST

Selected Giant Yellow Intermediate, the Dairy Farmers' Mangel, will grow 30 to 50 pounds in weight, 2,000 to 2,500 bushels the acre. The easiest harvested and Best Feeding Mangel.

This variety, originated by Mr. Taber, the prominent English seed grower, has since being introduced in England a few years ago rapidly popularized itself and is pronounced by leading English farmers the most useful Mangel that can be grown. Its handsome clean roots are very heavy, often weighing 40 pounds or over, and producing 2,000 to 2,500 bushels to the acre. The best yellow Mangel known.



Royal Giant Sugar Beet | Taber's Gate-post | Giant Long Yellow | Giant Canadian

We strongly recommend this variety for sharp gravels, shallow and light soils, or others not adapted to the growth of the Long Red Mangel, as it penetrates to but a moderate depth. Special attention is called to our new selection of this Mangel which is by far the best of the intermediate varieties; its girth shoulder and base being about equal, it is between oval and cylindrical in form, capable of being grown closely in rows, thus producing an exceedingly heavy crop of splendid bulbs. Remarkable for feeding properties and hardness. Sealed packages only. **Oz. 5c, ¼ lb. 15c, lb. 50c postpaid.**

THE GENUINE AND TRUE STOCK OF THIS VALUABLE VARIETY CAN ONLY BE HAD FROM US

D. & H's Canadian Giant

LONG RED—Darch & Hunter Seed Company's Private Stock—Without doubt the greatest creation in Mangels ever placed before the public.. The largest, heaviest and most profitable Mangel offered. GIGANTIC APPEARANCE—UNIFORM SHAPE—ENORMOUS WEIGHT PER ACRE.

Mr. Farmer, do you want to grow the biggest crop of Mangels you ever did in your life? Then sow D. & H.'s Canadian Giant Mangel Seed.

This is enormously wonderfully productive. Its yield is exceedingly fabulous; 1,500 to 1,800 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests the past year have produced at the rate of 2,000 to 2,500 bushels per acre. We took many hundreds of specimens from our customers' fields weighing over 60 pounds each, and many reaching the sensational weight of 75 pounds and over. Could anything be more marvellous than this truly wonderful mangel? In length, D. & H.'s Canadian Giant is about the same as Mammoth Long Red Mangel, but it is particularly remarkable for its handsome shape and broad shoulders, its diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other roots, except it be the New D. & H.'s Colossal Sugar Beet, making it more nutritious and milk-producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds.

Prominent Mangel authorities consider D. & H.'s Canadian Giant by far the most valuable and profitable of all stock-feeding mangels. Please remember that we own and control the entire stock of this grand variety. It is such a shy seeder that the seed cannot be grown as cheaply as other mangels, yet, being desirous of placing this grand mangel at prices within reach of all, we offer it at the following exceptionally low values. **Oz. 5c, ¼ lb. 15c, lb. 45c postpaid.**

Golden King Globe

(Private Stock)—This splendid Mangel, which has been raised and carefully selected by us, possesses all the fine breeding qualities of our Giant Long Yellow, and it is also similar to that well-known variety in color—a rich golden yellow. The bulbs are globular in shape, large, very handsome appearance. Hardy in constitution, and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. **Oz. 5c, ¼ lb. 15c, lb. 45c postpaid.**

Champion Red Globe

We think this is one of the best varieties for stock feeding. It is very productive and an excellent keeper when stored in heaps for winter use. It has an exceedingly small size, uniformly globe-shaped, having a very small top and few side roots; color of skin deep and flesh a deep red shade and of excellent quality. The roots grow almost entirely above ground, making them admirably well adapted to shallow ground and very easy to harvest. **Oz. 5c, ¼ lb. 15c, lb. 45c postpaid.**

Giant Long Yellow

Similar to Mammoth Long Red, except in color. Attains the enormous weight of 50 to 60 pounds. Very nutritious. A grand milk producer.

Our attention was first called to this prodigious variety three years ago, when we saw hundreds of specimens taken from the field, weighing from 50 to 60 pound each, while whole crops averaged 38 to 40 pounds per root. The length is but little shorter than Mammoth Long Red, but it is remarkable for its handsome, thick, uniform shape and very broad shoulder, its diameter being greater and its weight very much heavier. The flesh is of a very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. The tops are smaller, and it is such a shy seeder that the seed cannot be grown as cheaply as other mangels. **Oz. 5c, ¼ lb. 15c, lb. 45c, postpaid.**

FOR QUALITY AND QUANTITY, TABER'S GATEPOST MANGEL IS SUPERIOR TO ALL.

SUGAR BEETS

D. & H's COLOSSAL WHITE

Feed this variety and get more milk. Will make richer butter. Will fatten hogs quicker. Shape like Intermediate Mangel. Grows nearly all out of ground. Easily harvested, Heavy cropper. Will yield 1,500 and 2,000 bushels to the acre.

Those who saw this Sugar Beet growing on our Trial Grounds this past season in a test plot with thirteen other varieties did not hesitate to pronounce it the largest and most handsome root of all.

It has a clear white skin and flesh, excepting a small portion at the top of the root, which is green. The roots are of a very uniform size, many of them weighing 20 to 25 pounds, and some going even more. The top is small and easily trimmed. A very noticeable point in this variety is that it was more easily pulled than any of the other varieties in our plot.

The shape of the root is very uniform from top to bottom, and as it grows about two-thirds of its length out of the ground, it makes it very easy to harvest.

The quality is of the best, being very rich in sugar making. It is a more profitable root than Mangels.

This variety, we can say without fear of contradiction, is the heaviest cropper of all known varieties, having produced the enormous yield of 1,500 to 2,000 bushels to the acre under ordinary cultivation. We strongly urge our farmer friends who are root growers to try this excellent variety, and we feel satisfied they will not be disappointed. Try it. Stock limited this year. Sold only in sealed packages. **Oz. 5c, ¼ lb. 15c, lb. 45c, postpaid.**

D. & H.'s Colossal White.

Royal Giant Sugar Beet

The flesh is tender, solid and of purest white; the outside color is a pale rose below ground, shading to a darker rose above, and gradually running to a beautiful green at the top. The roots are half long, wide at the shoulder, gradually tapering, and stand nearly all out of the ground; easily pulled and have a very small top. Have no fibrous or prongy roots if grown on good loamy or rich sandy land. This is absolutely the best Sugar Beet for stock feeding that can be found to-day, not only on account of its wonderful cropping quality, but also on account of the superior and large amount of sugar this beet contains. In comparative trials with Lane's Improved Sugar, the new Royal Giant has yielded 60 tons to the acre, where Lane's Improved has produced only 30 tons. This of itself is a sufficient recommendation to induce every grower of mangels and sugar beets to give it a trial. Royal Giant is of French origin and a grand article. **Oz. 5c, ¼ lb. 12c, lb. 40c, postpaid.**

White Turnip. Purple-Top Mammoth.

Yellow and White Fleshed Turnips

PURPLE TOP

MAMMOTH WHITE

THE HEAVIEST YIELDER.
THE BEST FOR GREEN MANURE.
THE BEST FOR EARLY FEEDING.
THE BEST MAIN CROP VARIETY.
THE BEST FOR SOWING IN CORN.
THE BEST KEEPING WHITE TURNIP.

Undoubtedly the finest stock of White Turnip in existence, perfect in form, with clear, smooth skin. The best White Turnip for general crop, quick in growth, and the high crown will not allow water to lodge.

The handsome shape and nutritive qualities of our Purple-top Mammoth have made it popular both for feeding purposes and as a competitive crop. **Oz. 5c, ¼ lb. 10c, lb. 35c, postpaid 45c, 4 lbs. or more at 30c, postpaid 40c per lb.**

The following varieties at the uniform price of: **Oz. 5c, ¼ lb. 10c, lb. 30c, postpaid 40c, 4 lbs. or more at 27c, postpaid 37c.**

White Globe—Large, fine quality, useful for late sowing.

Devonshire Greystone—Very popular sort, growing to a large size, early, excellent quality.

Purple-top Yellow Aberdeen—An excellent variety for winter feeding.

SWEDE TURNIP

THE GENUINE AND TRUE STOCK OF THIS VALUABLE VARIETY CAN ONLY BE HAD FROM US.

D. & H's CANADIAN GEM

The great popularity of this Swede has, we regret to say, induced some seedmen to put up and offer a variety as Canadian Gem, but all who purchased it the past season were sadly disappointed. Ask for **D. & H.'s Canadian Gem,** and take no other.

Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardness and long-keeping qualities, describes the perfect Swede. Every root of D. & H.'s Canadian Gem more nearly approaches this ideal than any other known strain of Swede Turnip.

After selling this variety for the past five years, it is not necessary for us to dwell very long on its qualities.

It is now so well known it needs no lengthy introduction. Its short neck, compact, small top and perfect shape shows to the critical Swede grower that it is all turnip. With the above excellent points it has the other fine qualities, such as fine flesh, hardness to resist extremes of weather and long-keeping, is sufficient to recommend it. **Oz. 7c, ¼ lb. 20c, ½ lb. 35c, lb. 60c postpaid.**

Owing to the almost total failure of the seed crop of D. & H.'s Canadian Gem, our stock is limited.

This Swede has carried off the highest honors at all the large exhibitions, also township shows, and is used exclusively in the large turnip-growing sections, from which they are shipped by the hundreds of cars to the United States and sold as "Canada Turnips," commanding the very highest price.

It has come to our knowledge that certain dealers are offering D. & H.'s Canadian Gem Swede, claiming to have purchased their supply from us. As the introducers of the Swede, and having a just pride in sustaining its reputation, we have deemed it necessary to put it up in sealed packages only, and avoid the imposition thus practiced.. The only safe plan is to buy your supply from us, or from those who can offer it in sealed packages bearing our name and trade mark, and avoid being imposed upon.

IF YOU ARE OFFERED CANADIAN GEM SWEDE AT LESS THAN THE PRICE WE ASK, IT IS NOT THE GENUINE D. & H.'S CANADIAN GEM.

BEST HE EVER GREW, EITHER FOR TABLE OR FEEDING.

Received 20 Bushels From One-Half Ounce—Equal to 1,920 Bushels to the Acre.

Darch & Hunter Seed Company: Nov. 25.

Dear Sirs—In regard to the sample of Canadian Gem Swede you sent me last spring. I sowed them on the 13th of June and harvested them on the 30th of October and had 20 bushels. I do not think I ever raised a better Swede turnip in my life than they are, either for table use or for feeding. They are fine grained, crisp and dry, a lovely flavor, and neither woody nor hollow.

Yours respectfully, Henry Westley.

We could publish hundreds more as good if we had space.

D. & H.'s Canadian Gem.

D. & H's. EXCELSIOR SWEDE

Beautiful Globe Shape. Short Neck and Small Top. Attractive Bronze Top. Melting Yellow Flesh. The Heaviest Yielding Swede Now Grown. A Prize Winner Every Time.

The success which has attended our efforts in the past in introducing a number of varieties of Swedes, which have done so remarkably well, we last year sent out this excellent variety, with the broad claim that it was **THE HEAVIEST YIELDING SWEDE GROWN,** and the many letters we have received bear us out in every statement we then made.

This variety is an enormous cropper, one of the most hardy sorts in cultivation, and with the exception of D. & H.'s Canadian Gem, the highest quality Swede in cultivation. It possesses very dense, sound flesh. It grows freely in all kinds of soil. It is as near as possible globe-shaped, with a very short neck, dwarf foliage, and a clean, single tap root. The portion of the root growing out of the ground is a deep plum color.

The seed we are now offering has been grown from our original stock seed, and cannot be purchased excepting in original one-pound sealed cartons, bearing our name and trade mark, or from us direct in quantities here offered: **Oz. 5c, ¼ lb. 15c, lb. 45c postpaid.**

If 10 lbs. or more are wanted, write for special price.

SEALED PACKAGES OF OUR CANADIAN GEM SWEDE are being imitated. See that the letters **D. & H.'s** are on each package.

IT WILL PAY YOU TO GROW SOUDAN GRASS. SEE PAGE 73.

The Great Bonanza Artichoke

You do the planting—the hogs do the harvesting—that's all.

The greatest hog and stock food known. Is without question the greatest hog fattener in the world, attracting widespread attention, not only on account of its great fattening properties, but its enormous productiveness, and the ease with which they can be grown. Thousands of our customers who have given Bonanza Artichokes a thorough trial the past season report yields of from 600 to 1,000 bushels per acre. We can not urge too strongly every farmer and planter to grow an acre or more this year, because we know it will be to their advantage. They are an acknowledged preventive of cholera and other hog diseases, also an excellent food for cattle, sheep and horses. Well adapted to any soil where corn and potatoes can be grown. Three bushels will seed an acre. In planting, cut the same as potatoes, one eye to cut being sufficient. Rows 3 feet apart and the seed 1 to 2 feet apart in rows. Cover 2 inches deep. When they are ripe you can dig and store same as potatoes, but as they are not insured by freezing, the better way is to plant them where you can allow them to remain and turn the hogs in on them, and they will help themselves by rooting. Not only will they grow fat, but they will build up large, healthy frames, with plenty of bone and muscle, only requiring corn a short time in the finishing process. One acre will keep from 20 to 30 head in fine condition from October until April, except when the ground is frozen too hard for them to root. Strong tubers, **lb. 35c, 3 lbs. $1.00 postpaid, peck 50c, bushel $1.50, 3 bushels** (enough to plant one acre) **$4.00. Bags 15c each.** On peck or more purchaser must pay express or freight charges.

The Mammoth Russian

THE GIANT OF ALL SUNFLOWERS.

Poultry lay more eggs if fed the seed—Horses do more work with less fatigue—Cattle, sheep and swine fatten thereon—The oil burns well—20 barrels can be made per acre—The leaves make splendid fodder—The stalks make grand fuel—Absolutely no waste to the Sunflower.

PRODUCES 70 TO 100 BUSHELS SEED TO THE ACRE

Growing to double the size of the common sunflower, and the yield of seed is twice as great. 125 bushels have been grown at a less expense than corn. Highly recommended for poultry — the best egg-producing food known. This makes a splendid fodder, much relished by all kinds of stock. The seed is good feed for horses and yields a fine quality of oil. The strong thick stalks are used for fuel; in fact, there is no waste in its production. **Oz. 5c, ¼ lb. 15c, lb. 35c, postpaid.**

WHY EVERY FARMER SHOULD GROW SUNFLOWERS.

In a recent publication of an Eastern Agricultural monthly, the following appears:

"About four miles from this place lives a German farmer, who each year devotes one acre to the cultivation of Sunflowers. He says one acre yields 75 to 100 bushels of seed, which he uses as feed for his chickens, and which horses and cows relish when mixed with grain. He also uses the feed to manufacture an oil or linament, which, he says, will cure a scratch, bruise or callous sore on man or beast. To prepare this oil he simply crushes the seed, securing a thick, gummy oil, to which he adds a quantity of turpentine. After his harvest of the seeds, he houses the stalks and uses them as fuel in the winter. The Sunflower is a very thrifty plant, and should be more generally grown, as it will flourish in any climate. It grows riotously everywhere in Canada."

BIG TOM PUMPKIN

This variety of Pumpkins we obtain from a large canner in Ohio, who prefers them to all others. He has for years been improving the strain by careful systematic selection, until, he says, they have reached a degree of perfection for large size, thick meat and heavy weight, unequalled by any others. He also says, "More tons of pumpkins can be grown per acre of the Big Tom, whether with corn, or by themselves, than any other variety."

Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding, no more profitable or better variety can be grown. In comparison with the Connecticut Field, which is the standard field variety, it will produce twice as many pumpkins to the acre, and each individual pumpkin will weigh half as much again. **Pint 35c, postpaid: qt. 60c.**

THOUSAND-HEADED KALE

"THE ORIGINAL AND THE BEST VARIETY."

PROFITABLE TO SHEEP RAISERS—TWO ACRES WILL FEED AND FATTEN FIFTY SHEEP.

It is enormously, wonderfully, marvelously prolific. Just the thing for sheep, for cattle, for hogs, for poultry, in fact, for any animal that will eat green feed. It is some years ago since public attention was especially directed at the London, England, Farmer's Club to the great value of this plant, since which time the cultivation has very largely increased. It is impossible to over-value this variety as a crop for sheep, and it will do well on any land that has been fairly prepared. The plants average from two and a half to three feet in height, the stem being thickly studded with side-shoots, forming various sized heads, and producing an extraordinary quantity of valuable green food. The best way is to plant it with a garden drill, dropping the seeds about 8 inches apart. One pound in this way will be sufficient for an acre. You will be astonished and delighted at the great amount of good food an acre of **Thousand-Headed Kale** will bring. **Oz. 5c, ¼ lb. 18c, ½ lb. 25c, lb. 40c, postpaid; by express or freight at purchaser's expense, 5 lbs. or more at 25c per lb.**

100,000 POUNDS PER ACRE—W. S. Coe, one of the largest sheep growers in England, has this remarkable testimony for Thousand-Headed Kale: "I plant annually 100 acres of Thousand-Headed Kale for sheep. I have repeatedly estimated a yield of 100,000 pounds of green feed per annum from one acre of **Thousand-Headed Kale.** Sheep will eat the plant apparently clean, when a week afterwards it is again in full glory, and sheep can be turned on, and this can be repeated time and time again. I could not fatten half the number of sheep that I do without having Thousand-Headed Kale. I am probably one of the largest growers of mutton in the Kingdom, and coundn't get along without Dwarf Victoria Rape and Thousand-Headed Kale; in fact, I would have to go out of the business, as I could not raise sheep without these two magnificent plants."

MAND'S WONDER

A NEW FORAGE PLANT

Grows 12 to 14 feet high. Heads 12 to 20 inches long. Excellent either green or dry. Looks like Giant Timothy. If you keep a Cow, Horse or Hog, you should grow this.

A wonderful forage plant of great value to all stock farmers. It is unexcelled, if equalled, for its quick growth, immense size and splendid quality. The seed is small, about one-eighth the size of a grain of wheat; it should be planted about the first of June, and will grow and stool or tiller out surprisingly fast, our illustration showing a plant grown from one seed which has 43 stalks. Its growth is truly luxuriant, the broad foliage resembles corn leaves, and if allowed to develop will attain a height of 12 to 14 feet, and bears cylindrical heads from 12 to 20 inches long, closer set with thousands of tiny seeds, which are greatly relished by poultry. A crop of this when nearing maturity looks like a field of giant timothy 12 to 15 feet high. The usual way of growing it, however, is to mow the crop when 3 to 6 feet high, and it will immediately start again and can be mowed four to six times during the season. If allowed to grow until the flower heads begin to develop before cutting it will yield the heaviest harvest crop of any fodder plant we know of, and it is greatly relished by all kinds of stock either in its green or dry state. Sow seed very thinly in drills 24 to 36 inches apart. Every farmer, and, in fact, everyone who keeps a cow, horse or hogs should try it if they wish to grow an immense crop of fodder cheaply on a small amount of ground. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c. postpaid, 2 lbs. (sufficient for one acre), $1.20 postpaid. Must be sown each year.**

DWARF VICTORIA RAPE

CULTURE OF RAPE—This plant may be grown successfully in the following ways, viz.: **1. In the early spring** to provide **pasture for sheep and swine. 2. In June or July** on well-prepared land to provide **pasture for sheep. 3.** Along with grain, using 2 lbs. of seed per acre, to provide **pasture for sheep after harvest. 4.** Along with **peas, oats, clover seed,** to provide **pasture for sheep,** and get a **"catch" of clover. 5.** Along with corn drilled in broadcast to provide **pasture for sheep. 6. In corn,** sowing the seed with the last cultivation given to the corn. **7.** Along with **rye** sown in **August in sheep pasture.** When Rape is sown broadcast, 5 lbs. of seed per acre will suffice. When sown in rows, say 30 inches apart, and cultivated, from 1 to 2 lbs. will be enough. It is now being sown from the Atlantic to the Pacific. The day is not far distant when it will be grown extensively as a pasture for swine all over Canada. Millions of sheep and lambs will be fattened on it. **Lb. 30c postpaid; by express or freight 10 to 25 lbs. 18c; 25 lbs. or over at 15c lb.**

DWARF ESSEX RAPE

This is the variety of Rape sold by Seedsmen in this country, and is highly recommended by agriculturists, both in Europe and America, but it is always behind in yield, in bushy, leafy quality and in vigor of growth and hardiness to our splendid—yes, wonderful—Dwarf Victoria Rape. **Furnished at the following prices: Lb. 25c postpaid; by express or freight 10 to 25 lbs. at 13c lb; 25 lbs. or over at 12c. Cotton bags for Rape in quantity, 25c each.**

KAFFIR CORN

Kaffir Corn—The Greatest Drought Resister.

Droughts cannot touch this, at least that is our experience. It snaps its finger at dryness; it mocks the hot, withering sun. It is there to grow, rain or shine. It grows and grows, and it matters not whether it rains or whether the sun is hot or not. Will you try it for 1916. Sow in rows 3 feet apart. planting about 6 inches in the row, using from 6 to 15 lbs. of seed per acre. If the land is warm, rich and deep, you can plant more if you wish a heavy, a very heavy, growth. It is one of those cheap things and at the same time good things that no farmer on earth ought to be without. It is enormously productive; does so well everywhere that if you have hogs or sheep, if you are proud of your horses or your cattle, then plant a few acres. We have placed the price on Kaffir Corn very low in order to induce you, Mr. Farmer, to give a thorough trial for 1916! Sow in rows 3 feet apart, to give it a thorough trial. **Price by mail, pkt. 5c, lb. 25c, 3 lbs. 65c, postpaid.. By express or freight, 15 lbs. 90c, 50 to 100 lbs. $5.00 per 100 lbs. Cotton bags 25c each.**

White Wonder Bean

White Wonder Bean
1,000 Beans to One Vine—40 to 60 bushels to the Acre—Excellent for Cooking and Baking—No Other Beans Sell Like It.

The grandest bean for a farm crop we have ever seen. Side by side with any bean known to us, it out-yields it by fully one-third to one-half, placing it as a marvellous cropper. The pods are large and filled with small sized pure white beans. Extremely early and sells just at the time when beans are high. We consider it **absolutely the finest, largest yielding, best selling field bean known.** Excellent for cooking and baking. Habit dwarf, very bushy and wonderfully full of pods. Just figure the profit on an acre yielding 40 to 60 bushels. If you don't grow for market, get a pound or two of the best beans for house use during the winter. It's the yielder; nothing like it. No bean aproaches it in yield quality and readiness to find sale in the market. That's the universal verdict. It's a healthy and quick seller in all markets. **Pkt. 5c, lb. 35c, postpaid. By express or freight at purchaser's expense, peck $2.00, bushel $7.00. Cotton bags 25c each.**

Sorghum or Sugar Cane

FOR HAY OR FODDER

Only within the last few years has the great value of Sorghum, or Sugar Cane, for hay and fodder become known. It is now rapidly coming into favor. A good authority says it will produce **six times the weight of corn fodder per acre,** and as it contains a much larger amount of sugar, it is more valuable. If sown thick it can be cut and cured like hay and will produce a very heavy yield of fine material that is greatly relished by cows, sheep and even horses. If sown thin in drills and cultivated once or twice, it will produce a large amount of seed which is as valuable as corn for feeding, and also a heavy yield of fodder which is much finer and more readily eaten by stock than corn fodder. The seed should be sown about the time corn is planted. for hay it can either be sown broadcast and covered with a disc-harrow or drilled in with a grain drill, which is the better way. It can be easily harvested by cutting it with an ordinary grain binder.

AS A PASTURE AND FODDER PLANT is is extremely profitable for this purpose, as the cane can be cut and partly cured, and in this way will yield 40 to 50 tons of magnificent fodder to the acre. For fodder, cut as soon as the blossoms come out on the head. Leave two or three days on the ground then put in shocks of about one load each. It can be cut repeatedly, and springs up repeatedly again. As a food supply it seems to be magnificent. Cattle and swine eat it with great relish. Treat in feeding like clover.

CULTURE OF SORGHUM CANE—About 30 pounds of seed is required per acre. Use a wheat drill set to a bushel, stopping every other hole. When plants are about 8 inches high, harrow them with a two horse harrow. When about 2½ feet high the first crop can be cut if desired for green fodder. They will spring up quickly. If thought desirable to sow in drills, 30 inches apart, and cultivate same as corn, 5 lbs. will be sufficient. If in hills, same distance each way as above, 3 pounds of seed is ample.

PRICE—Lb. 25c postpaid, 3 lbs. 65c postpaid.. By express or freight, 10 lbs. 85c, 30 lbs (sufficient to sow broadcast for 1 acre) $2.00, 100 lbs. $5.00. Cotton bags 25c each.

Wild Rice

ZIZANIA AQUATICA—A native of our northern district. Valuable as a forage plant for swamps and inundated lands. Stock of all descriptions are fond of it when green, and also when cured for fodder. It is also valuable to the sportsman as a bait for wild fowl. It sows itself in the fall, about the middle of September, lies dormant all winter, in spring commences to sprout as soon as the weather gets warm, reaching the surface during the first half of June. It grows very rapidly in from one to eight feet of water, ripens late in August or early in September. Put the rice in coarse linen bags, sing the bags in water over night to soak the rice, then take it and scatter it on the water that is from six inches to five feet deep, soft mud bottom or low marshy places where it is covered with water the year round. **Prices variable.. Lb. 40c postpaid, or by express or freight at purchaser's expense, 25c lb. in 10-lb. lots.**

TESTED SEED CORN

These Prices Subject to Market Fluctuations.

Farmers, is there any fun in plowing, harrowing, rolling and planting your land to corn that won't grow. Or if it does grow and you spend a hard summer working it and have it killed by an early frost? No, there is no fun about either one; but, on the contrary, it is humiliating and financial disaster. You should avoid being caught either way. Remember this. When you buy seed corn of us, you can get seed that has been **thoroughly tested** as to germination, and you take no chance whatever on it not growing. When you get tested seed at a cost of 30 to 50 cents per acre, what more do you want? Farmers, don't fool yourselves out of a crop by planting seed that has laid out in the field after the snow came, as it will be damaged and not fit for seed at all. Take no chances, but send direct to us and get **seed that will grow.**

D. & H.'s Gold Nugget.

FLINT CORN

D. & H's Gold Nugget

THE LARGEST YELLOW FLINT CORN GROWN—EARS 12 TO 14 INCHES LONG—KERNEL EXTRA LARGE—COLOR DEEP GOLDEN—COB SMALL AND EASILY HUSKED—STALKS 7 TO 8 FEET—LARGE. BROAD LEAVES—EXCELLENT FOR SILO—YIELDS 150 TO 200 BUSHELS PER ACRE.

"Way down in the Cornfield."—220 Tons Ensilage on 10 acres—Yield of Ear Corn, Same Field, 175 Bushels per acre.

We introduce this corn as the largest-eared and most productive of all the early Flint varieties. Our customers know that when we send out a new variety that it is just what we claim for it, and our sales were very gratifying. From every side comes hearty praise for this magnificent variety, more than sustaining every claim made for it.

The ears are immense, 12 to 14 inches long, with eight rows of kernels. The kernels are of a deep golden yellow and very hard. The butts of the ears are small and they break off easily when husked.

The Yield—Our grower wrote us after harvesting: "The Gold Nugget Corn yielded nearly 200 bushels per acre."

Earliness—It will ripen in 95 to 100 days, thereby escaping even an early frost.

The Stalks grow quite tall and carry the ears well above the ground, so that they do not interfere with the binder when such a machine is used for cutting. The stalks usually have two ears and are covered with large leaves, so that they make good fodder.

For Ensilage—This corn will prove of great value for ensilage, as it will produce an enormous yield of stalks and ears, and the grain will mature early so that it may be cut when in just the right stage to produce the greatest amount of food without running the risk of having the crop injured by frost.

A Profitable Investment—Everyone who raises some of this new corn this year will find it a most profitable crop. It is so far ahead of any other corn that it will be in great demand for seed when it is seen. The man who raises it this year will be able to dispose of a large part of his crop to his neighbors for seed at good prices. We think any corn grower will be glad to get seed of this variety next year, after he has seen it growing, at $2.00 per bushel of ears. This would be a low price for it. It would be a very simple matter to raise 100 bushels of good, sound ears per acre, and much larger crops could be raised on first-class land. **Lb., shelled, 35c, postpaid; by freight or express, peck 75c, ½ bushel $1.25, bushel $2.25; Bags 25c.** Canadian grown.

SILVER TRIUMPH

This is the finest thoroughbred white Flint corn that we have ever handled, and it is, without doubt, the best for extra early corn that can be grown, as it is the most productive of all tall growing varieties. It is white in color, maturing in from 75 to 85 days. Ears average about 13 inches in length. The ears average two to a stalk, growing well up so as to readily admit being cut with a harvester. The stalks make superior fodder, and it is excellent ensilage or fodder corn.

Early corn is a great advantage, as you can plant a field early and commence to use the corn for hog and cattle feed before common corn is ready for use. Or, in case every other kind fails to make a stand for various reasons, or a late flood leaves your field bare in June, too late for common corn, plant this variety. One of our customers planted Silver Triumph July 5, and it matured and became hard enough for seed. **Lb. 25c postpaid; by freight or express, peck 75c, ½ bushel $1.25, bushel $2.00. Bags 25c each.** Canadian grown.

NINETY-DAY RED FLINT

As extra early corn of medium size, good yield, great vigor and hardinesss. Color deep cherry red. Cob small and pure white. Ears 10 to 12 inches long and rather slender. Generally 8 rows. Stalks about 7 feet and moderately heavy. Ears set at about 3 feet. Remarkably thoroughbred and always comes true to type. Can be planted in this latitude as late as the middle of June and makes a safe crop.

The grains are sweeter than other field corn, and seem to be richer in feeding value. We don't know whether it is because the red corn is better quality, sweeter, or whether the stock prefers the red color. It certainly is a valuable crop to grow on account of its extreme earliness, and if you need something for late planting that will make you a good crop of excellent feed, send along your order. **Lb. 25c postpaid, peck 75c, ½ bushel $1.25, bushel $2.25. Bags 25c.** Canadian grown.

THERE IS NO YELLOW FLINT CORN EQUAL TO OUR GOLD NUGGET.

Australian White Flint Corn

EARLIER THAN ANY OTHER FLINT VARIETY.

A WONDER TO RESIST COLD OR DROUGHT.

JUST THE CORN FOR NORTHERN ONTARIO, MANITOBA, SASKATCHEWAN AND ALBERTA.

This is the earliest known variety of true Flint Corn. Cob small, ears long, grain extra large, remarkable productive.

It is the hardiest known variety, either Flints or Dents. Will produce a crop when other sorts fail.

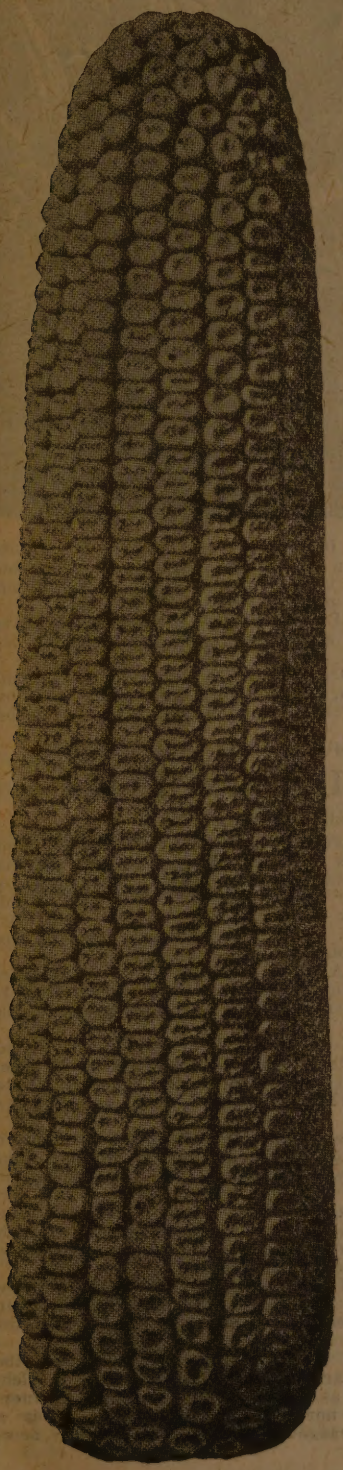
Will thrive at an altitude of 6,000 feet where the climate is always too cold for ordinary CORN.

It is a great drought resister. Will produce crops when other varieties fail.

We recommend this variety very highly for any part of Canada where other varieties do not ripen.

Lb. 35c, postpaid. By freight or express at purchaser's expense, ½ peck 75c, peck $1.25. Stock limited.

Australian White Flint Corn.



GOLD MEDAL DENT CORN

14 to 18 ROWED.

EARS 8 TO 9 INCHES LONG.

VERY EARLY.

HEAVY YIELDER.

FINEST QUALITY.

AN EXTRA EARLY FULL YELLOW DENT CORN.

A 14 to 18 rowed variety with ears averaging eight to nine inches long. The type is well fixed, the ears resembling almost every other ear, and on account of the high degree to which it is bred, it produces almost no nubbins or small ears. The history of this corn affords a striking example of what may be accomplished by intelligent and unremitting effort in a fixed direction. During the earlier years of its growth here the ears were small and without uniformity, but by careful breeding and selection it is improved until now we have one of the earliest and most productive yellow dent varieties, with ears of good size and best quality. As it matures in about ninety days, it is ripe usually before frost and it has been our experience, not to have lost a single crop of this variety from this cause for more than fifteen years. The stalks grow about seven feet high on the average. When the grain ripens the foliage is still partly green, making excellent fodder. This corn will please you. **lb. 25c postpaid. By express or freight at purchaser's expense, peck 65c, bush $2.00. Bags 25c each.**

Wisconsin No. 7

or SILVER KING

THE CORN THAT HAS MADE ESSEX COUNTY, CANADA, FAMOUS.

Silver King stands at the head of the list to-day of all-round good varieties of Dent Corn. It has become immensely popular and has really revolutionized corn growing in Essex County. This is a great triumph for Silver King.

History—The corn originated in Northern Iowa. Prof. Moore brought it to Wisconsin a few years ago and has developed and improved it. Ours was the first seed house to offer it, cataloging it for the first time in 1912. One farmer reports a yield of 115 bushels per acre.

Description—In appearance the corn is a beauty. Ears just the right length, averaging 8 to 10 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color, with good length kernels set compactly in straight rows. The corn is a strong grower early enough to mature, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its fine yield records.

Value—We feel that we can hardly rate the value of this corn too high. **It gets ripe and it produces the yield.. Prof. Moore says: "Push it hard. It will stand it."** Hundreds of young men, the leading farmers of Essex and Kent Counties, are ready to swear by Silver King. These progressive young farmers have grown our stock for us.

Prices for Silver King for 1916—bushel (56 lbs.) $2.00, lb. 35c, postpaid. Canadian grown. Bags, 25c each.

FOR QUALITY AND QUANTITY THERE IS NO MANGEL EQUAL TO TABER'S GATEPOST YELLOW INTERMEDIATE.

EARLIEST RIPE FODDER CORN

THE MOST PERFECT EARLIEST RICH FODDER CORN IN EXISTENCE

This corn will ripen ears inside 60 days after planting, usually from two to three ears on the stalk. The foliage is probably six feet high, very leafy and bushy and contains a tremendous amount of nutritious matter. Of course, this is not so prolific as our Imp. Leaming Fodder Corn, but it has the advantage over any and every other fodder corn in the world to-day by its being thirty days earlier. The farmer can easily figure out the great profit in having a fodder corn extremely early, having it come at a time when pasturage is short, and he can then feed this rich, luxuriant Earliest Ripe Fodder Corn. You have it in excellent condition to feed the latter part of July or first of August. Fodder at this time is always in demand. If you are raising hogs or cattle, this corn, above all other corn, will return to you a tremendous profit on account of its extreme earliness, large and many ears, and healthy, nutritious qualities.

Another thing: if this corn is desired for winter fodder, it can be planted early; it can be cut months ahead of frost, and can be stored away in first-class shape, and will keep all winter. This can be done before your busy fall work crowds you. We believe Earliest Ripe Fodder Corn worthy of a thorough, extensive and impartial trial on every farm, and we stake our reputation that there is nothing that will pay the possessor of hogs and cattle more handsomely than to plant generously of it.

The Most Magnificent Testimonials Imaginable—We could fill several pages with magnificent testimonials from customers to whom we sent a small quantity of this corn for trial, asking them to give it an impartial test, and each and every letter received brings forth the most intense indorsements of the corn, claiming that in earliness, in yield and quantity and nutritious matter it is far ahead of anything and everything that they have ever tried, and that it had been the means of making money for them, as it ripened so very early. **Sow in drills** 30 inches apart, using half bushel to acre. **Pk. 85c, ½ bush. $1.50, bush. $2.50. Bags 25c each.**

FODDER VARIETIES

GENUINE MAMMOTH SOUTHERN SWEET—Our celebrated M. S. S. (Mammoth Southern Sweet has given better and more generous satisfaction than any other variety of fodder and ensilage corn. The growing properties of this corn are better than any other variety we ever handled. There is really no danger of failure of this corn by it not growing. It can be sown or planted, and will germinate when the Flint varieties will rot in the ground for want of heat. The stalks are very full of sugar (syrup having been made from them), and if planted in hills or drills, 3 to 3½ feet in rows, will develop ears fit for roasting. **Peck 40c, bushel $1.35.**

EVERGREEN SUGAR CORN (for green fodder)—This is better than any field corn for green fodder crops, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalk and leaves. Last year our sales for it were fully three times that of the previous season, and it has everywhere proved highly satisfactory. It has a good stalk, filled with large, succulent leaves, which are greatly relished by stock. **Lb. 25c, postpaid, peck 60c, bushel** (40 lbs.) **$2.00.**

OTHER DENT VARIETIES

Canadian Grown.

CLARK'S EARLY MASTADON—The Mastadon Corn has the longest grains and longest ears of any corn in cultivation. It is the strongest grower and largest field corn in cultivation. It husks easy for so long a corn and shells easy. For ensilage will please all, because it grows quick and strong and powerful, and we think it is well adapted for ensilage in Ontario. **Bushel $1.50.**

IOWA SILVER MINE—Ears with 16 to 20 straight rows of deep, pure white kernels set on a small white cob, and the ears well filled out over the tip. **Bushel $1.50.**

IMPROVED LEADING—It ripens in 100 to 110 days, and 100 bushels of shelled corn have been grown to the acre on good corn ground. For several years past our sales of this variety has been enormous much of it being used for fodder and ensilage, for which purpose it has become very popular. **Price, bushel $1.45.**

MAMMOTH YELLOW CUBAN—For the central part of Ontario this is one of the best, according to the Guelph College Report. **Bushel $1.50.**

EARLY BUTLER YELLOW DENT—The ears grow to a good size, 70 lbs. of ears having shelled out 64½ pounds of shelled corn, leaving only 5½ pounds for the cobs. We have never heard a complaint of this corn. **Bushel $1.45.**

CUBAN WHITE GIANT ENSILAGE—A perfect fodder for ensilage corn. Grains very large, broad, long and of strong vitality. Best milk producer. **Bushel $1.50.**

WHITECAP YELLOW DENT—Its great merit lies in its strong, rank growth, with a good many suckers, it will grow more bushels on poor, thin land than any other kind. Stands the drought better than 60 others. **Price, bushel, $1.45.**

CLOUD'S EARLY YELLOW DENT—Earliest of the heavy varieties; produces a large amount of early green fodder per acre. Grows a good height. **Bushel $1.50.**

EXTRA EARLY HURON DENT—70 pounds of ears made 64½ pounds of shelled corn, leaving only 5½ pounds of cobs. From this all can judge the unusually small size of cobs. **Bushel $1.45.**

Bags for any of the above varieties, cotton, 25c each.

OTHER FLINT VARIETIES

Canadian Grown.

MAMMOTH EIGHT-ROWED EARLY YELLOW—Among the very desirable qualities of this wonderful corn can be mentioned its enormous size, the ears being the longest of any variety, either Flint or Dent, with the exception of our Gold Nugget. Each stalk bears from two to four ears under good cultivation. A corn for northern farmers, for it ripens early. **Bushel $2.00.**

SALZER'S NORTH DAKOTA (White) — A magnificent variety of Early White Flint Corn with large ears, often 14 inches in length, solid kernels, with 8 to 12 rows to the cob. **Bushel $1.75.**

PEARCE'S PROLIFIC—Very early, eight-rowed, good, deep kernel, and very prolific. A popular ensilage and fodder corn. Has given universal satisfaction in Quebec, Nova Scotia, New Brunswick, Prince Edward Island and Northern Ontario. **Bushel $2.00.**

SANFORD WHITE—The best of all white Flint varieties. It is very early, has abundance of leaves, and is suitable alike for green fodder or ensilage purposes. We recommend it. **Bushel $1.75.**

LONGFELLOW—An eight-rowed Early Yellow Flint variety, with ears 10 to 15 inches long, cob small, kernels quite broad, good ensilage and fodder corn, sappy green stalk, very leafy, with fine long ears. **Bushel $1.75.**

ONE HUNDRED DAY OR ANGEL OF MIDNIGHT—This is, without exception, the earliest yellow Flint corn in cultivation; ears long, perfect in shape, well filled from butt to tip. **Bushel $1.75.**

CROMPTON'S EARLY — Especially valuable for the quantity and quality of ears produced, and makes a rich, palatable food when cured as ensilage. Its extreme earliness adapts it to eastern and northern Ontario, where it is a favorite sort. Yields an average of 3.32 tons of ears per acre. **Bushel $1.75.**

Any of the Above Varieties, 25c per lb., postpaid, except Where Noted, to Any Post Office in Canada.

WHITE HULLESS BARLEY

For Illustration of Heads and Grain, see this page.

ITS VALUABLE PROPERTIES:

It is HULLESS. It is BEARDLESS. It is EARLY.
It WEIGHS OVER 60 LBS. to the MEASURED BUSHEL
It YIELDS WELL on POOR LAND.
It YIELDS ENORMOUSLY on GOOD LAND.
It makes BETTER PORK than CORN.
The Straw makes GOOD HAY.
It is OF INESTIMABLE VALUE TO EVERYONE WHO FEEDS STOCK.

Has been grown 60 bushels to the acre, and it is the best grain to sow for hay there is. Sow early and you can cut two crops from same sowing. As fattening feed for hogs it has no equal. It makes sweeter meat and nicer lard by far than corn. Twenty hogs fattened with it make a gain of 106 lbs. to the hog in five weeks. The best way is to grind it and feed it dry, with clear cold water in another trough for them to drink out of. It grows very quickly on all kinds of soil You can sow it after other grain is sown and harvest it then before wheat and oats are ready. Sown as late as the 18th of June made a good grain crop. Stock will eat the straw in preference to "slough" hay. The straw is small, with very heavy leaves, stools wonderfully. Once used for hay for work horses, you won't have any other. For flour it discounts buckwheat. For grain sow one bushel to the acre; for hay 1½ bushels. **Lb. 25c, 5 lbs. $1.00 postpaid; peck 85c, bush. (48 lbs.) $3.00, 2 bush. or more at $2.75 per bushel.. Cotton bags 25c each.**

BARLEY

O. A. C. No. 21

VERY THIN HULL. EXTRA PLUMP GRAIN.
FREE FROM RUST.
LENGTH AND STRENGTH OF STRAW REMARKABLE, GRAIN DISTINCT FROM THE MANDSCHEURI

Has made the best record of 83 selected varieties at the Ontario Agricultural College.

The following is the Press Bulletin report from the Ontario Agricultural College of this variety of Barley:

In the spring of 1903, 9,972 selected grains were planted by hand at equal distances apart in the Experimental Department at the College. When the plants were ripe they were carefully examined, and thirty-three of the most promising ones were selected, harvested and threshed separately. In 1904, thirty-three separate lots of Barley were grown from the plants selected in the year previous. From that time forward, only the best strains were grown in the test as follows: Fourteen in 1905, eight in 1906, seven in 1907, and three in 1908. In one instance over forty bushels of Barley were grown in 1905 as the product of one seed planted in the spring of 1903. Of all the selected strains the one which is known as **"O. A. C. Number 21" has made the best record. In each of the last two years it has actually given better results than the Mandscheuri variety in yield of grain, in freedom from rust, and in both length and strength of straw in the experiments at the College, and also in the co-operative tests throughout Ontario. The grain is quite easily distinguished from that of the Mandscheuri Barley. Price, lb. 25c, 5 lbs. $1.00, postpaid; peck 50c, ½ bush. 85c, bush. $1.50.. Bags 25c each.**

SPELTZ OR EMMER

THE WONDERFUL RUSSIAN GRAIN.

It can hardly be recommended too highly. Every farmer in Canada ought to sow some. It makes a splendid feed, and lots of it. With our growers here it averages **over one-third more bushels per acre than barley,** and we are right in a barley country too. The farmers and stockmen here are all talking about raising speltz next year. Note the following points about speltz. They are all facts. We can vouch for them personally. We have grown Speltz for seven years and know whereof we speak.

First—It is perfectly hardy and can be grown successfully anywhere.

Second—It yields more bushels per acre than either oats or barley.

Third—It is especially adapted to dry regions and to locations that are subject to hot, dry summers, as it withstands drought, where barley fails entirely.

Fourth—It has such a very stiff straw that it stands up when both oats and barley lodge. In fact, the straw is about as stiff as rye straw.

Fifth—It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Professor Wilson, of the South Dakota Experimental Station, in a careful experiment with feeding calves, **found Speltz worth 40 per cent. more than corn, pound for pound.**

Sixth—It is especially fine as a nurse crop, as it never falls down and smothers the new seeding.

Seventh—It is not affected by rust or smut. We never have seen a particle of smut in Speltz.

Eighth—No special machinery is required for sowing, harvesting or threshing different from other grain. Sow 2 to 2½ bushels per acre, and treat it in every way the same as oats or barley.

Ninth—The U. S. Department of Agriculture recommends it very highly for stock feed. Thousands of farmers in the West and Northwest are now raising Speltz for feeding their horses, cattle and other stock. **Price, per lb. 25c postpaid, 3 lbs. 60c postpaid, peck (10 lbs.) 60c, bushel (40 lbs.) $2.00. Cotton bags 25c each.**

SEE WHAT WE SAY ABOUT THE NEW OAT—O. A. C. NO. 3—ON PAGE 69.

MARQUIS WHEAT

The King of All Spring Wheats

The Wheat that won the $1,000 Prize at the New York Agricultural Exhibition for the best wheat grown on the continent of North America and South America. It combines all the qualities so earnestly sought after by the cerealist and devotedly hoped for by the grain growers of the Northwest.

It is a week to ten days earlier; produces five to ten bushels more per acre; has a higher milling and baking quality than any other hard spring wheat known to-day.

Origin—Marquis Wheat was originated by Doctors Charles and William Saunders, of the Central Experiment Station, Ottawa, by crossing the Red Fife and the Hard Calcutta, a native wheat of India which had become acclimated to northern conditions. The first experiments were conducted in 1886, and it was not until 1903 that it was fully developed. By scientific cross breeding, a variety was produced that inherited the remarkable earliness of the Calcutta, and the frost resisting and yielding qualities of the Red Fife. The original stock of seed was very small, but by careful husbandry the amount was gradually increased so that it might be dessiminated throughout America.

A Prize Winner—Marquis Wheat won the One Thousand Dollar Prize offered by Sir Thomas Shaughnessy for the best wheat in America at the New York Grain Exposition in 1911. It also won the Three Thousand Dollar Prize at the International Dry Farming Congress at Lethbridge, Alberta, in October, 1912, in a competition open to the whole world. Marquis Wheat was again successful in winning the Sweepstake Prize at the Dry Farming Congress held at Tulsa, Oklahoma, in 1913.

Earliness—Marquis Wheat is from one week to ten days earlier than Red Fife, and this fact alone should induce many of our customers to grow it this spring.

Productiveness—Marquis Wheat has outyielded all other spring wheats grown under the same conditions of soil, cultivation and climate. The increased yield varies from 5 to 10 bushels per acre. Mr. Charles Vandenhook secured a crop of 52 bushels to the acre. A five-year average yield at the Brandon Experiment Station was 44 bushels per acre.

Quality—Marquis Wheat has, by numerous milling tests, shown a higher percentage of gluten, a better color, a greater absorption and heavy weight per bushel of grain. This question of quality is of greater importance to the wheat grower when he comes to dispose of his crop at the mill or elevator. Almost without exception Marquis Wheat will grade No. 1 Hard.

Appearance—Marquis Wheat is similar in appearance to Red Fife, but the heads, as a rule, are heavier and the straw shorter, making it less likely to lodge. The kernel is flinty, a little darker in color than Red Fife, being dark red, and more plump than that variety. It is beardless, having smooth, yellow chaff. It weighs from 64 to 66 pounds to the measured bushel.

Lb. 35c, 3 lbs. $1.00, postpaid. By express at purchaser's expense, peck 75c, ½ bushel $1.40, bushel $2.50. .Cotton bags 25c each.. Special price on 5 bushels or more.

Heads of Marquis Wheat.

STANDARD VARIETIES SPRING WHEAT

WHITE RUSSIAN—This variety has been sown by some for a number of years, and invariably turns out a first-class crop. It has a bald head of good length; good stiff straw, stands up well; full, plump berry, flinty and of good color. We grew a field of this variety the past season which was the admiration of everyone, many coming into our store to inquire what variety it was, saying they never saw a prettier field of wheat, and that they must have some. **Bushel $2.00, 5 bushels or more at $1.90. Bags 25c each.**

RED FYFE—Pronounced by millers the best No. 1 Hard amber wheat ever introduced. In vigor of growth, productiveness, earliness, freedom from smut and stooling propensities it is unequalled. **Bushel $1.90, 5 bushels or more at $1.85 per bag. .Bags 25c each.**

WHITE FYFE—Similar to above in every respect, except in color. **Bushel $1.90, 5 bushels or more at $1.85 per bushel.. Cotton bags 25c each.**

WILD GOOSE—For years the farmers of Western Ontario have steadily set their faces against the growth of this wheat for the reason that no permanent market has been assured for it. The attractive appearance of the seed has induced a great many to buy it, and later they were unable to find a market for the product. Now, however, we have it on authority of the Minister of Agriculture that there is a difficulty in supplying the demand, for this wheat to macaroni factories. **Bushel $1.85, 5 or more at $1.80 per bushel.. Cotton bags 25c each.**

Note—The above were the prices at the time this catalogue was printed, and are subject to change without notice. See our Farmers' Price List.

JAPANESE BUCKWHEAT

The Best Variety—Very Early. Yields Double That of Other Sorts. Makes the Finest Buckwheat Flower. Grown From Imported Seed.

Since we introduced the Japanese Buckwheat nearly twenty years ago, the tendency, on account of the hot, dry summers the past few years has been for the grain to gradually grow smaller. The seed we offer is grown from the largest type imported from Japan, and is much larger in grain than that usually offered, and it will pay all growers to renew their seed. The seed we offer is only one year removed from imported Japanese seed. This variety is now more generally grown than any other, but to those to whom it still may be unknown, we would say that the kernels are at least twice the size of any other variety and of a shape peculiar and distinct from all others. The color of the kernels is also more distinct, being of a rich, dark shade of brown. It ripens fully a week earlier than the Silver Hull, the straw is heavier, and it branches more and does not need to be sown so thickly as other kinds. There is always a good market for the grain, as it is in demand for all purposes, the export demand now being enormous. For bees it is of the greatest value, and for this purpose has displaced all other varieties. **Lb. 25c, postpaid; 5 lbs. $1.00 postpaid; bushel, $2.00. .Cotton bags 25c.**

SILVER HULL—Continues longer in bloom than any other variety. **Lb. 15c, postpaid, bushel $1.25. .Cotton bags 25c.**

COMMON GRAY—Per bushel $1.10. Cotton bags 25c.

These prices are liable to change. Please write for prices when ready to buy.

New White Oat
O. A. C. No. 3

THINNEST HULL OF ANY OAT GROWN. THE EARLIEST VARIETY. THE BEST TO MIX WITH BARLEY.

BETTER IN QUALITY THAN 300 VARIETIES AT THE O. A. COLLEGE. IN 8 YEARS' TEST HAS BEATEN THE DAUBENEY IN YIELD.

The O. A. C. No. 3 originated from a single plant selected from a plot of Daubeney.

It is exceptionally early and is suitable not only for growing as a crop but one of the best for sowing with barley for a mixed crop.

It ripens a few days earlier than Daubeney with straw about the same length but the grain is much thinner hulled and a heavier yielder to the acre The quality of oats is too frequently overlooked which should be a point of very great importance.

The O. A. C. No. 3 in a 7-year test averaged over 8 bushels per acre more than the well-known Daubeney variety.

With quality, earliness and yield combined this should make an ideal variety for the farmers of Canada.

Lb. 35c, 3 lbs. for $1.00 postpaid. By freight or express at purchaser's expense, peck $1.00, ½ bushel $2.00, bushel $3.50. Bags at 25c each.

Stock exceedingly limited.

White Oat
O. A. C. No. 72

BERRY LONG AND PLUMP—THIN HULL—LONG STIFF STRAW—SPREADING HEAD—HEAVY YIELDER—FREE FROM RUST—JUST THE OAT THE MILLER WANTS.

Another good thing from the Ontario Agricultural College. No oat distributed by the O. A. C. to experimenters for some years has given the results and met with such favor as this variety has.

In length and strength of straw, freedom from rust, heavy yield, feeding quality, adaptability to all kinds of soils and conditions, it has shown itself superior to other well-known varieties, such as American Banner, Siberian, Sensation, Abundance, Lincoln, etc.

With an average yield of 80 bushels an acre—as this oat has for five successive years—no up-to-date farmer should miss the opportunity of investing in at least a few bushels.

Our stock was grown for us by one of the best farmers in Middlesex County.

Professor Zavitz, of the O. A. C., at Guelph, says. "The average yield per acre of the O. A. C. No. 72 Oats, during the length of time we have been testing it in our experimental plot has given an average at the rate of about 90 bushels per acre. It possesses a long, stiff straw, which is comparatively free from rust. It has a spreading head and white grain. Not only has it given a larger yield of grain per acre, but the grain is of excellent quality, being thinner in the hull than that of the Banner and Abundance and most other varieties which are commonly grown in Ontario. The O. A. C. No. 72 has made the highest record of the varieties of oats used in the co-operative experiments throughout Ontario; a little later in reaching maturity than the Banner. It has made the best all-round record of the varieties of oats which we have had under experiment in recent years."

Lb. 35c, 3 lbs. $1.00 postpaid, peck $1.00, ½ bushel $1.25, bushel $2.00. 5 bushels or more at $1.90 a bushel. Bags 25c each. By freight or express at purchaser's expense.

Black Beauty OATS

THE EARLIEST BLACK OAT.

EXTREMELY THIN HULL VERY LARGE PLUMP KERNEL.

STRAW EXCEEDINGLY STRONG.

UNUSUALLY HARDY.

WONDERFUL STOOLING QUALITIES.

THE HEAVIEST YIELDING BLACK OAT EVER INTRODUCED.

HULL AS BLACK AS A CROW.

NOTHING SHORT OF A CYCLONE WILL LODGE THEM.

SIX PECKS (1½ BUSHS.) IS AMPLE TO SOW AN ACRE.

These oats mark such a distinct advance over all other varieties, especially in point of productiveness and strength of straw, as to set them apart and above all other oats. They are in a class of their own, and in the particulars above mentioned are not approached by any other oat.

Canada has found how good black oats are, and is now growing them very largely. In most European countries they have decidedly the preference, and in England it is safe to say that three bushels of black oats are grown to one of white.

They are preferred by those who have had experience with them, principally on account of their heavy yielding qualities; but, besides being far superior to white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Nothing less than a tornado or cyclone will lodge them.

We will here only enumerate the following points in favor of these oats.

This Black Beauty originated in crossing two of the healthiest, biggest yielding, strongest varieties; hence its quality to produce such tremendous yields.

Nothing like it in a black oat for earliness. Our crop was ripe and cut and stacked eight days before other sorts were ripe.

Here is an oat that will make profitable farming absolutely certain in any province in our fair Dominion. It will certainly yield from 20 to 40 bushels more per acre than any of the common varieties, which will ten times pay the cost of the seed.

Yield is simply enormous; 80 to 100 bushels or more can be grown per acre under careful cultivation.

No sort that we have ever tested so thoroughly and completely withstands dry weather as our Black Beauty; indeed, it seems to be proof against every element in the shape of weather, withstanding severe winds to a marked degree, and coming forth after storm standing straight, erect—a pleasurable sight to behold. When other sorts lodge badly, this stands up like a stone wall.

It is the last 20 bushels per acre that makes farming profitable. If the common sorts yield 30 bushels per acre and this gave you 50 bushels, the last 20 bushels would be the profit; but if this gave you 80 to 100 bushels, it is very easy to figure out the extra profit.

Price of Black Beauty Oats—Lb. 35c, 3 lbs. $1.00, postpaid. By freight or express at Purchaser's expense, ½ peck 35c,, peck 60c, ½ bushel $1.00, bushel $1.75, 5 bushels at $1.50 per bushel. Special price on 10 bushels or more. Cotton bags 25c each.

WHITE SWEDISH GIANT

This oat originated in Sweden. From there it was imported into Russia, and the original seed was brought from Russia to this country by Professor Carleton, of the Department of Agriculture. The next year we secured these oats with several other varieties for trial. **We have found them most satisfactory.** On our experimental plots the oats yielded exceptionally well, having a stiff straw, light hull and weighing 38 to 40 pounds per measured bushel. **Bushel $1.15; 5 bushels or over at $1.10 per bushel.**

EARLY WHITE JEWEL

Our sales the past season were beyond our expectations, making it almost impossible for us to supply the demand. It has a beautiful, white, plump, thin-hulled kernel, stiff straw, long head, immense stooling qualities, remarkable qualities to resist severe droughts, and for either milling or feeding is first-class. **Bushel $1.15; 5 bushels or over $1.10 per bushel.**

WHITE MARVEL

The straw is very strong and does not lodge, even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, which is the best evidence of its inherent vigor. This oat is remarkable for its heavy stooling property, and for this reason six pecks (1½ bushels) is sufficient to seed an acre. **Price, bushel $1.25, 10 bushels and over at $1.20 per bushel. Cotton bags 25c each.**

EARLY SURPRISE

The white Surprise Oats are noted for vigorous growth and droughts do not affect them as much as less vigorous varieties. The grain is white, plump, with thin hull, running much over weight with ordinary thresher cleaning. On account of large per cent. of meat in the kernel, they are well suited for oat meal and other oat products. **Bushel $1.15, 5 bushels or over $1.10 per bushel.**

IRISH VICTOR

Sometimes called "Irish White"—Originated in Ireland, being first brought over to this country in 1897. It is a very large oat, plump and heavy, pure white color, not affected by rust or smut, and an immense yielder. It also has a wonderful stiff straw. So far we have never known it to lodge. **Bushel $1.15, 5 bushels or over $1.10 per bushel.**

BLACK TARTARIAN

In many sections black oats yield much better than white. We are glad to say that we have a good stock to offer our customers this year of the famous Black Tartarian. In England they call it the hardest and **most productive of all oats.**

IMPORTED STOCK—Weighs 40 pounds or over per measured bushel; just the stock to raise your own seed from. **Price, 5 lbs. 75c postpaid, peck 65c, ½ bushel $1.25, bushel of 34 lbs. $2.00. .Cotton bags 25c each.**

BLACK TARTARIAN—(First year from imported seed)—For heavy land the Black Tartarian is the best black oat in cultivation. **Bushel $1.25, 5 bushels or more $1.20. Cotton bags 25c each.**

BLACK TARTARIAN—(Second year from imported stock)—**Bushel $1.15, 5 bushels or more $1.10. Cotton bags 25c each.**

Siberian or Russian
MILLET

A most truly **Wonderful Millet**, producing more and better fodder from one ounce than was obtained from four ounces of any other variety on the same size plot of ground, yielding 35 pounds of beautiful, clean, plump seed. The weather being very dry, other varieties succumbed to the drought. The New Siberian defied the hot winds and blazing sun, continuing to grow and thrive when other kinds had dropped and died, and even much of it failed to head at all. The New Siberian makes a rank growth of the grandest fodder imaginable, and for hay or seed it cannot be equalled. It is, without doubt, the most remarkable millet ever put on the market in the history of the seed business. The New Siberian will not bear sowing thickly, the seed being small; and it beats anything to stool you ever saw. If your land is clean, one-half peck per acre is an abundance. **Lb. 25c, 5 lbs. $1.00 postpaid, peck 75c, bushel $2.50, by express or freight at purchaser's expense. Cotton bags 25c each**

HOG OR BROOM CORN MILLET—This is grown for the same purpose for which other Millets are sown. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry and young chicks. It will mature in about two months from sowing the seed. Fancy recleaned, ¼ **bushel 75c, bushel $2.50. Bags 25c each.**

GOLDEN WONDER—As a special crop, when the hay yield promises to be short from drought or other cause, is now one of the most popular forage grasses as a substitute for hay. May be sown after hay is cut and will mature the same season. **Lb. 25c, 5 lbs. $1.00, postpaid, bushel $3.00. Bags 25c each.**

SALZER'S DAKOTA—This is an excellent variety; a very strong grower, producing a large amount of foliage. Grows to a good height; stands up well; yielding 5 to 8 tons to the acre. **Lb. 20c, postpaid, bushel $2.00. Bags 25c each.**

TARES OR VETCHES
FOR SPRING SOWING

VETCHES are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. In Scotland and England they are grown largely for this purpose, and where land is not adapted to hay or is expensive, or pasture is poor and costly, it will pay you to grow Vetches as a forage crop. They are sown at the rate of half a bushel to the acre, with about one quart of oats to hold them up, for being of the same habit as the pea, they have a tendency to run. **Bushel $3.50. Cotton bags 25c each.**

SAND OR HAIRY VETCH

(Vicia Villosa.) Sometimes called Hairy Vetch. This is a valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor, light land, and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil where it is so much needed. It belongs to the pea family, but the vines are much longer and the foliage more abundant. The vines measure 5 feet 7 inches in length. It may be sown either in the spring or fall with about a peck of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive. It remains green all winter under the snow, and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of an acre of this vetch plowed under equal to commercial fertilizer at the rate of from $16 to $40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the winter and spring. When sown in April or May, it can be cut in July, the second growth affording excellent pasture during the summer. The yield of green fodder is from 12 to 20 tons to the acre. This may seem to be an exaggerated statement, but when the amazing stooling propensities of this plant are taken into consideration, the yield is readily accounted for. As many as 20 long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. Plant at least an acre this season. 25 to 30 lbs. of seed required to the acre. **Lb. 40c postpaid. By express or freight, 10 lbs. 25c per lb., 100 lbs at $20.00. Cotton bags 25c each.**

SPRING RYE

SPRING RYE—Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in very many sections in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye standing stiff seven to eight feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. **Peck 60c, bushel $2.00.. Cotton bags 25c.**

HUNGARIAN GRASS

Very valuable hay for stock-raisers, and yields a good supply; should be cut when in bloom, and the fibre will not be too woody for feeding stock. **Lb. 15c, postpaid; bushel $1.25, at purchaser's expense. Cotton bags 25c each.**

FIELD PEAS

ARTHUR—The earliest Field Pea in cultivation. This is a new variety originated by the late Prof. Saunders, and it has been very successful indeed. The crop grown here the past season was about 40 bushels to the acre of very large peas of extra good quality. The Vine averages about 4 feet with pods about 2½ inches long and well filled. In addition to the above it developed that with the wet season the straw did not mildew like many long strawed varieties which is a great advantage. **Bushel $3.50**

GERMAN WHITE—One of the largest white field peas grown. Vine of medium length, medium early, a heavy yielder and highly thought of around London. **Bushel $3.00.**

BLUE PRUSSIAN—One of the earliest and at the same time the heaviest yielding and best strawed varieties grown. The peas are usually plump and very heavy, weighing on an average about 62 lbs. to the measured bushel. One of the best varieties for mixing with oats for green feed. **Bushel $3.50.**

CANADIAN BEAUTY—An entirely new White Field Pea; grain large; bright, clear color; of the white marrowfat type. The straw is of coarse but fine quality. **Bushel $3.00.**

Also such well-known varieties as **Egyptian Mummy, Golden Vine, Prince Albert's, Multipliers, Black and White Marrowfats.** Prices on application.

Prices on Oats, Wheat, Barley, Corn, Peas and other Field Grains are liable to change. Ask us for prices when ready to buy.

RE-CLEANED CLOVER SEED

ALFALFA CLOVER

The Department of Agriculture says: In addition to the hay crop, alfalfa at two years adds $100 to the value of every acre on which it grows.

There is no place in which alfalfa cannot be successfully grown.

Alfalfa produces from 3 to 7 tons to the acre.

It has as much protein as wheat bran.

360 stalks have been grown from one seed.

It does not exhaust the soil; it enriches the soil.

It can be ground into meal to feed hogs and chickens.

It will grow 3 to 5 crops a year.

Alfalfa in money value is worth 45 per cent. more than other clovers and 60 per cent. more than timothy.

Ten milch cows can be fed on less than two acres by soiling.

One acre will pasture 20 hogs for 6 months.

Three pounds a day makes full feed for fattening lambs.

Four to five pounds makes full feed for fattening aged sheep.

Thirty-five pounds makes full feed for fattening steers.

A lamb will winter and thrive on three pounds a day.

Sheep fed on Alfalfa will gain eight to fifteen pounds in 75 days, and will double with small grain ration added.

Lambs wintered on Alfalfa will produce one to two pounds more of wool than when on the ranch.

Alfalfa is a fine poultry feed when cut fine, and this is also a good way to feed it to hogs in the winter.

Fed to dairy cows, Alfalfa maintains the flow of milk equal to June grass for nearly a whole year. It can be chopped fine with corn meal. Such a mixture is worth more a pound than the original corn meal. Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa. It is a working plant which is changing the destiny of many farming sections.

Its long branching roots penetrate far down, push and crowd the earth this way and that, tnd thus constitute a gigantic subsoiler. These become an immense magazine of fertility. As soon as cut they begin to decay and liberate the vast reservoir of fertilizing matter below the plow, to be drawn upon by other crops for years to come.

GOLD NUGGET BRANDS

Canadian Grown, Turkistan, Northern Minnesota, Northern Dakota—See our Farmers' Price List for present prices, or prices quoted when ready to purchase.

SWEET CLOVER---ALFALFA'S TWIN SISTER

WHITE BLOSSOM OR BOKHARA (Melilotus Alba)—Sweet clover is grown for bees, for hay, for green forage, for its value as a pasture plant and as a soil fertilizer and restorer. It gives promise of becoming a rival of alfalfa on many soils. Its real value is beginning to be appreciated.

It is a biennial plant and bears close resemblance to alfalfa, but it is larger and coarser in growth. It will grow on soils in which alfalfa cannot thrive and will make excellent growth on lands so hard and barren that they will sustain scarcely any other vegetation. It is the first plant to grow in the spring and furnishes an abundance of succulent pasturage equal in quality and value with alfalfa.

Cattle fed upon sweet clover will not bloat.

When grown for hay, one crop, and sometimes two, may be cut the first season. The second year two or three crops may be cut. It should be mowed just before it commences to blossom and before the stems become hard and woody. As it is tall growing and stools very freely, the yield of green forage is tremendous.

Sweet clover is a biennial; that is, it lives but two years. At the end of the second season the tops and roots die. If the plants are not allowed to go to seed, its growth may be easily controlled. The root growth is very large and fleshy. When the plants die they add to the soil immense quantities of nitrogen and humus. Restoring old worn-out lands to crop-producing ability.

Sweet Clover has the same bacteria as alfalfa, and thus will prepare the way for that valuable crop. If a permanent sweet clover field is desired, the second crop may be allowed to go to seed, and there will be a splendid stand the following year.

We recommend the cultivation of sweet clover for pasture, for hay and for renewing worn-out lands. If handled properly it will well reward the grower. We suggest that you do not let it go to seed. It can be controlled at all times. **Lb. 50c, postpaid.. By express or freight, 10 lbs. $3.50, bushel $18.00. Bags 25c each.**

YELLOW BLOSSOM (Melitotus Officinalis)—This variety belongs to the same family as white blossom sweet clover, but it is not so prolific in growth, will not produce so large a tonnage, does not grow quite so tall, but is from ten days to three weeks earlier. The flowers are yellow in place of white. For bee pasture and fertilizing purposes, we believe it to be equally valuable, but for hay or pasture it is not so desirable. **Lb. 40c, postpaid.. By express or freight, 10 lbs. $3.00, .Bushel $15.00.**

SANFOIN CLOVER—A new forage plant. **Esparcet or Sanfoin Clover,** as it is sometimes called, is grown extensively in every part of Europe on land where it is impossible to secure a stand of other grasses; but as yet this most excellent clover is but little known. Esparcet is a perennial, usually sown in the spring. It equals any clover in nutrition and flesh-forming qualities; no grass grown requiring so little pains or care. The seed being much larger than other varieties of clover, it should be covered deeper. It can be sown with oats and harrowed in. Thrives best on dry, chalky and sandy soil. On heretofore barren wastes, when once thoroughly established, it has produced two abundant crops in a season. There is no doubt that in this country, as soon as the merits of esparcet become known, it will prove the most valuable of our heat-resisting clovers. **Lb. 30c, postpaid.. By express or freight at purchaser's expense, .10 lbs. $2.50, 100 lbs. $20.00.**

CRIMSON OR SCARLET (Trifolium Incarnatum)—Crimson clover is an annual, and when ripe to cut for hay or seed it never starts again. Sow in April or May. It is a very rank grower, some stools counting as many as 120 to 140 blossoms from one seed. It will grow and make a heavy crop of hay or seed on land so poor that the common clover would do but little. The quantity of seed to sow per acre is 10 to 15 lbs. **Lb. 35c, postpaid.**

ALSIKE AND SWEDISH—Very hardy and yields abundantly on rich, moist soils; also excellent for pasture. **Lb. 40c, postpaid.**

WHITE DUTCH—Highly esteemed for permanent pastures and lawns. **Lb. 75c, postpaid.**

MEDIUM RED—Too well known to need any description. Prices variable.

Permanent Pasture and Other GRASS SEEDS

SUDAN GRASS IN FULL HEAD, ANG. 27, 1915—7½ FT. HIGH.

YIELD OF HAY 4 TO 6 TONS TO AN ACRE.

SUDAN GRASS

A New Forage Crop of Immense Value.—Sudan Grass was introduced in 1909 from Sudan under the name of Garawi. One-half pound of seed was received and results were so very promising that plans were immediately made for testing it out thoroughly in all parts. As a result of these the Department of Agriculture reports that Sudan Grass will be of the greatest value.

Sudan Grass is strictly an annual, and dies each year like Millet, and must be seeded again each spring. This makes it fit admirably into any system of rotation, and while it does not benefit the soil like legumes it does afford a change in crop, and this is a good thing for the soil. Sudan Grass is tall, reaching in height seven to nine feet. The stems are very small and are rarely thicker than a lead pencil. The plant stools wonderfully and produces, under favorable conditions, as many as 100 stalks from a single root.

It is the hay crop, however, which will be of far greater importance. Sudan Grass yields a good crop of first-class hay. All stock relish the hay and thrive on it. The quality of Sudan Grass hay is much superior to Millet hay, and is said to be equal to Timothy hay. Yields of from 4 to 6 tons per acre are common.

Seeding.—Sudan Grass should not be sown until the soil has become warm in the Spring. Planting in cold soil only delays germination and dwarfs the early growth. It can be sown any time during the Summer as a catch crop so long as 70 to 80 days intervene before the date of the first expected frost. Sudan Grass can be sown in rows 18 to 42 inches apart and cultivated like corn, or it can be drilled in with a grain drill or sown broadcast by hand. The rows should be as close together as the tools available for cultivation will permit. Seeded in rows 36 to 42 inches apart, 2 to 3 pounds per acre of seeed are sufficient. In rows 18 to 24 inches apart 4 to 6 pounds, and drilled or broadcast 16 to 24 pounds per acre, are required.

Harvesting.—Sudan Grass is easy to cut with a mower and cures readily, so that the haying process is much the same as that of millet or any other hay grass. When cut for hay it is best tocut just after full bloom, so that it will have as much time as possible for a second growth. After cutting, it renews its growth promptly when moisture conditions are favorable, and in about 40 to 50 days another cutting is ready. The Grass stools abundantly after first cutting and the second and third cuttings are very fine stemmed. Ordinarily two or three cuttings may be expected.

Summing it all up Sudan Grass is a hay crop, which seems to be especially adapted to dry soils. There is always a big demand for hay, and it is hard to estimate the value of a grass that will produce with certainty a good crop of hay.

Every Farmer should sow at least an acre or two of Sudan Grass.

Price: Lb. 65c, 2 lb. $1.10, POSTPAID. If larger quantity, ask for price, stating quantity.

TALL MEADOW OAT GRASS, also called Evergreen Grass (Avena Elatior)—This grass is increasing in poularity wherever it is grown. It seems to make more leafage and grazing and a larger yield of hay and to keep green longer, both during the winter and summer, than other grasses. It withstands the heat and drought of midsummer and cold of winter, starts very early in the spring and continues to give good grazing until late in the fall. For hay it can be cut twice in the season. **Lb. 40c, postpaid; 10 lbs. $2.75, 25 lbs. to 100 lbs. at $22.50 per 100 lbs.**

HUNGARIAN BROME GRASS (Bromus Inermis)—The Great Forage Grass of Russia—It gives a luxuriant crop, particularly on fresh, sandy loam soil. It is found that animals eat it greedily, whether green or dry, so that it can be used as mown or saved for winter use. **Lb. 40c, postpaid; 100 lbs. $20.00.**

ITALIAN RYE GRASS—Arrives early at maturity, has a great abundance of delicious foliage of a lively green color. Thrives easily. Sow 20 lbs. per acre. **Lb. 25c, postpaid, 10 lbs. $1.20, 100 lbs. $9.70.**

ORCHARD GRASS (Rough Cocksfoot)—Exceptional value on account of its earliness and its rapidity of growth. After being mown it produces a luxuriant aftermath. It is quick to recover from close cropping, five or six days being sufficient to give a "good bite." Weight 14 lbs. per bushel. **Lb. 35c postpaid, 10 lbs. $2.25, 100 lbs. $17.00.**

PERENNIAL RYE GRASS (Lollum Perenne)—A nutricious permanent grass for pastures and meadows. Sow three bushels to acre; 22 lbs. to bushel. **Lb. 25c postpaid, 10 lbs. $1.20, 100 lbs. $9.50.**

TIMOTHY—HERD'S GRASS OR CAT'S-TAIL (Phleum Pratense)—Well-known variety. Price variable. **Ask Price.**

KENTUCKY BLUE GRASS (Poa Pretensis)—Fancy, extra cleam. This grass yields at a very early period of the season. **Lb. 30c postpaid, 10 lbs. $1.75, 100 lbs. $14.75.**

CREEPING BENT GRASS (Agrotis Stolonifera)—Valuable as a mixture with other pasture grasses; will thrive in moist land. Sow two bushels to the acre; 14 lbs. to the bushel. **Lb. 60c postpaid, 10 lbs. $5.00 postpaid, 100 lbs. $45.00.**

CRESTED DOG'S TAIL (Cynosurus Cristatus)—A grass for sheep's pasture on dry, hard soils and hills. Sow 25 pounds to the acre. **Lb. 50c, 10 lbs. $3.50, 100 lbs. $30.00.**

RED-TOP GRASS (Agrotis Vulgaris)—Re-cleaned, valuable for pasture as a mixture in meadows and pastures. Sow two bushels to acre: 14 lbs to bushel. **Lb. 60c, 10 lbs. $5.50.**

CANADIAN BLUE GRASS (Poa Compressa)—Differs from Kentucky variety in its flattened wiry stems. Its creeping root stalks form a fine turf. It thrives well on dry and poor soils. **Lb. 25c postpaid, 10 lbs. $1.50, 100 lbs. $12.00.**

SHEEP'S FESCUE (Festuca Ovina)—Not over six inches in height; it has a fine, sweet foliage well adapted to the masticating organs of sheep, but totally unfit for hay. An excellent grass for lawns requiring little mowing. **Lb. 40c postpaid, 10 lbs. $3.50.**

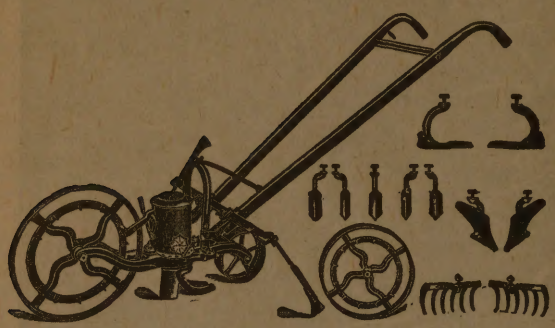
RED MEADOW FESCUE (Festuca Rubra)—An excellent variety, suitable for lawns exclusively on account of its creeping nature, requiring little mowing and forming so thick a turf as to suffer few intruding plants. **Per lb. 50c postpaid, 10 lbs. $4.00.**

Garden and Farm Requisites

THE "UNIVERSAL" MACHINES

Which we are offering we consider as identical to the Planet Junior, and equal to them in every respect, and at much less cost. If they are not found as we represent them, they can be returned and money refunded. Full and complete instructions for setting up and working with each machine.

New Universal Combined Hill and Drill Seeder No. 22, with Cultivator, Rake, Plow and Marker



A Single Wheel Seeder and One or Two-Wheel Cultivator, Rake, Plow and Marker combined. Easily changed from a Seeder to a Cultivator by the removal of two bolts.

In this new implement has been combined the features of the well-known No. 16 Hill and Drill Seeder and the No. 26 Expansion Wheel Hoe. The special features of the implement are: A Seeder that will plant hills varying from 4 to 48 inches apart, as well as in drills; high arch of steel; allowing the cultivation of plants 20 inches in height; adjustable pads, allowing expansion or contraction, so that any width of cultivation may be obtained, from the narrowest up to 18 to 20 inches in width; attachments for adjusting the height of handles regulating the angle of teeth; used as one or two-wheel cultivator at the will of the operator. The attachments are: 1 pair 8-inch hoe blades; 1 pair narrow cultivator teeth; 1 pair wide cultivator teeth; 1 only centre cultivator tooth; 1 pair plows; 1 pair rakes; 1 pair vine guards.
Price, boxed, 100 lbs., $12.50.
No. 22s—Seeder only, price, boxed, 70 lbs., $9.50.

New Universal Hand Single Wheel Hoe, Cultivator and Plow No. 12

As with the Double Wheel Hoe described above, it can be used either between or astride the rows, although it is really intended for between row cultivation. The attachments are: 1 pair hoes, 5 cultivator teeth, 1 pair plows and 1 vine or leaf guard.
Price, boxed 28 lbs., $5.00.

New Universal Hand Single Wheel Hoe No. 13, with Hoe Blades only

Weight 22 lbs., Price, boxed, $2.25.

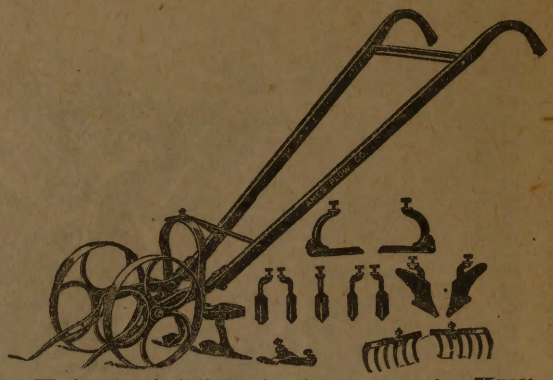
New Universal Double Wheel Hoe, No. 15

The ease with which a great amount of work may be accomplished, by the use of wheel hoes, leads many to buy several of these tools. In such cases, it is not always necessary to have them all fitted out with complete sets of attachments. The hoes blades are the attachments most generally used.

With Hoe Blades Only

Price, Boxed, $4.50.
Packed weight, 30 lbs.

Customers wishing a more complete description of the Ames Plow Company's machines can get same by applying to us for the Ames Plow Company's Catalogue, which we will send free on application.



New Universal High-Arch Expansion Wheel Hoe, Cultivator, Rake and Plow No. 26

A Double or Single Wheel Implement at Will—In this implement we have practically reproduced dimensions and purpose of our first attempt at a "Straddle-Row" Weeder. The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. The **Adjustable Arch** is made of steel and affords means for regulating depth and for setting pitch of teeth—a very valuable feature in using the hoe blades. It also admits of use of implement by either man or boy. **The Arch Brace,** from handles to the top of arch, secures **perfect rigidity** in the implement when at work. The brace is so constructed that it does not in any way interfere with the foliage passing beneath it. The attachments are: 1 pair long bladed hoes, 1 pair short bladed hoes, 1 pair narrow cultivators, 1 pair wide cultivators, 1 centre cultivator, 1 pair plows, 1 pair rakes, 1 pair vine guards and one centre tooth holder. **Price, boxed, 45 lbs., $9.00.**

New Universal Model Garden Drill No. 17

No better seeder can be produced—**The Perfect Drill,** so acknowledged by all the leading market gardeners. The Agitator is a sure means of keeping the seed moving through constantly and uniformly, and is much preferable to any other method. The most skilful could not equal the mechanical precision with which it sows all the different varieties of **Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinach, Peas, Beans, etc.** Not only this, but the manner in which it opens the furrows; drops the seed accurately; covers it any desired and equal depth; and lightly rolls the earth down over it; tends to hasten germination, and to present a young crop better able to withstand the weather. The furrow opener is of the correct shape and does not salve the soil. It may be accurately set to gauge the uniform deposit of the seed at any required depth. The depth may be gauged as desired. The drags will throw just enough of the loose soil over the seed, and the concave roller, then following, compacts and presses the whole down evenly, thus also preventing too free circulation of air. The Manual "cut-off," worked from the handles, acts instantaneously to stop the flow of seed, and there is absolutely no seed wasted turning at the ends of rows, thus saving quite a percentage of seed. **Price, boxed, 55 lbs., $8.00.**

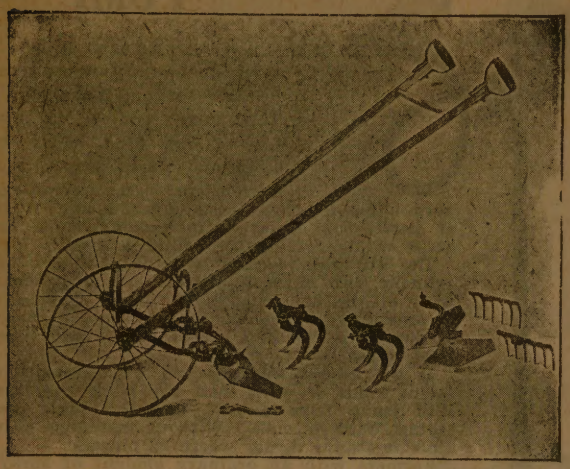
The "Fire-Fly" Wheel Garden Plow

Makes the care of a vegetable garden a pleasure, and those who could not find time to keep a garden if they attempted cultivation with the ordinary hand hoe can raise their own vegetables successfully with the "Fire-Fly." It takes the place of the horse and plow cultivator, requiring no wide headlands to turn; is invaluable during the gardening season. (No. 10) **Price, boxed, 19 lbs., $2.25.**

No. 112—This implement is the same as No. 10, described above, but has a 12-inch wheel and also the attachments. The lowest-priced desirable combined tool made. The attachments are: 1 landslide plow, 1 sweep or scuffle, 1 rake and 1 cultivator. **Price, boxed, 31 lbs., $2.75.**

WE CAN RECOMMEND ALL THE MACHINES ON THIS PAGE.

"Excelsior" Patent Light-Running Hand Cultivator



The greatest labor-saving hand tool ever invented.

Frame made of best steel and malleable, light, strong and durable.

Hoes—New design, equipped with patented adjustable joints.

Handles—Attached direct to axle base, fitted with "D" grips.

Wheels—All steel, bicycle style, 16 in. high, 1-in. tire.

Has patented adjustment for setting the hoes in any angle or pitch desired, making it easy to cultivate close to the plants and save hand-weeding.

No. 61—Double Wheel Cultivator, with 1 pair 6-in. hoes, **$5.00.**

No. 66—Double Wheel Cultivator, with 1 pair 6-in. hoes, 2 gangs cultivator teeth, 1 pair plows, 1 pair rakes. **Price, as per cut, $8.00.**

Ames Hand Corn Sheller

Note the regulating thum-screw, enabling the sheller to be set for either large or small corn.

Guarded wheel to prevent scattering.

It shells clean and without effort.

Good work may also be done on pop corn.

There are no breakable parts, as the light pieces are all MALLEABLE.

Clamps for fastening to box or barrel, with bolts and wrench, furnished with each sheller.

Chilled shaft and bearings.

Painted wine color and varnished, with gilt ornamentation.

Weight, packed, 20 pounds. **Price, $2.50.**

Columbia Broadcast Seed Sower

(Patented April 14th, 1903)

Awarded Prize Medal St. Louis Fair over all competitors. This seeder is practical, neat and mechanically correct in construction. It distributes seeds evenly. It has an automatic cut-off. Iron distributing wheel gives great momentum. No machine at any price does better work, it being a strictly high-grade seeder. Each seeder packed separately in a wooden box. **Price $1.75, by freight or express at purchaser's expense; by parcel post $2.25.**

No. 14 Monogram Garden Cultivator

FIVE TOOLS IN THREE

Strong, Very Durable, Light, Easily Handled, Cheap, Very Profitable, Simple, Quickly Adjusted, Attractive; Size of Wheel, 14 inches.

This hand cultivator, with one tool attached weighs but eight pounds; with all the tools ready for shipping, ten pounds. It combines five tools in three, two being reversible, and all are easily and quickly changed. It is readily adjusted to small or large person. Having a small wheel, it is easily balanced and guided, and requires but slight propelling power. A woman or child can operate it, being built low; a single hand is used, thus avoiding pushing the plow by arm power alone, but bringing the hands directly in front of the body enables the user to throw his whole weight against the implement.

It is strongly built and is very durable. The attachments are made of high-grade steel, and are of the newest design and best workmanship. The handle is varnished, the frame painted and the tools lacquered.

It is the equal of any hand cultivator made, and is lighter, stronger and cheaper than any other on the market. **Price, each, $2.50.**

Ames Hand Grinding Machine

FOR CORN, COFFEE, SPICE, ETC.—THOUSANDS SOLD ANNUALLY

No. 1FW—For Table, with balance Wheel

These well-known mills have attained a large sale, purely on their merits as rapid grinders.

The grinding parts are all made of a specially good, tough iron, which renders them durable, and they will last for years. When necessary, however, they may be renewed at a small cost.

The capacity ranges from one or two bushels per hour, accordingly as the mill may be set for fine or coarse grinding. The mills may be adjusted to grind corn meal for table use, or only for racking the grain.

The product is evenly ground, whether the mill be set for coarse or fine work.

They are very simple in construction and not liable to get out of repair.

The shaft is a steel spindle with chilled iron cast over it, and the bearing in which it runs is also chilled; thus it is perfectly smooth and true and very durable.

The finish is quite attractive, painted wine color and varnished, with gilt ornamentation. **Each $3.00.**

Robinson's Seed Sower

(Patent No. 5326)

THE HANDIEST TOOL IN A GARDENER'S OUTFIT

Sows seed regularly; saves thinning out. **Each 50c, postpaid.**

"Amateur gardeners will welcome the introduction of Robinson's Seed Sower, which simplifies the work of seed sowing to an amazing degree, making it perfectly easy to sow any kind of seed regularly and evenly to any required degree of thickness."—Lloyd's Weekly News, April 9th, 1911.

The "KANT KLOG" Sprayer

On the "KANT-KLOG" nozzle, described above, the item of labor alone is **three times what the ordinary nozzle can be furnished for.** Hose is high grade, supported by coiled spring to prevent breaking, couplings solid brass with standard cut threads. Air pump of heavy brass tubing, two inches in diameter.

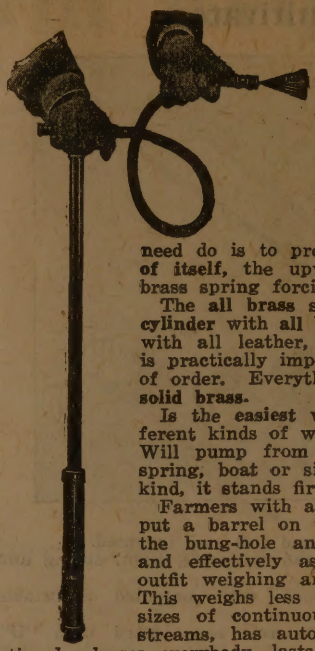
The sprayer body is made of heavy polished brass or galvanized steel, as desired. Both top and bottom are dome-shaped; joined to body under heavy pressure, **making a complete double seam.** When completed this body is thoroughly tested at double the pressure ordinarily used, the result being that **not one in a thousand** gives any of the trouble common with other constructions.

A few seconds working of the air pump charges the sprayer with compressed air, a powerful and elastic force, which discharges the liquid in the form of either fine sprays or solid streams, as desired.

Each sprayer is fitted without extra charge with "KANT-KLOG" nozzle for making two round and one flat spray, two solid streams, thumb pressure, spring hose cock, carrier strap and safety valve.

Price, with galvanized steel body.....$6 50
Price, with polished brass body $10 00

THE "NEW IDEA" SPRAY PUMP



We do away entirely with the objection ble foot-rests, clamps, leather suction, packing, etc. This pump requires **no fastening of any kind,** holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. **It rises of itself,** the upward stroke being made by a brass spring forcing the cylinders apart.

The **all brass** suction working within a **brass cylinder with all brass valves,** does away entirely with all leather, rubber, or other packing. It is practically impossible for any part to get out of order. Everything except handle and hose is **solid brass.**

Is the **easiest working** and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, trough, creek, spring, boat or sink. Without fastening of any kind, it stands firmly wherever placed.

Farmers with an ordinary amount of spraying put a barrel on their wagon, set this pump in the bung-hole and spray their trees as easily and effectively as their neighbor who uses an outfit weighing and costing five times as much. This weighs less than four pounds. Makes two sizes of continuous spray and two of solid streams, has automatic mixer to keep solutions stirred, pleases everybody, lasts a lifetime, and **will do more different kinds of work than any pump ever made.**

Price of the Pump Complete by express, $5.50; by parcel post, postage paid, $5.85.

IT KILLS
Erado
WEEDS

ERADO does away with the old fashioned laborious and back-breaking method of digging up dandelions and weeds of all kinds by hand.

It makes obsolete all implements that only pull the tops off of the plants. Before ERADO was introduced there was no weed-killer that absolutely killed the roots of noxious weeds as well as destroyed the tops. With this handy tool the dandelion or weed is completely killed.

An amount of weed-killing solution is dropped on the root; then by turning the tool the top of the plant is cut off. ERADO has two knives so placed that the top of a plant is cut off by only one-half turn of the tool. Weed-killers that have only one knife necessitate a complete turn that makes it necessary to change the grip on the handle of the tool because a person's wrist will not allow the implement to be turned completely around without changing the hand.

It is a simple matter to refill ERADO. Remove the handle by a half turn. The solution is then put in the tube and handle is easily replaced. ERADO is then ready for work. Push the plunger into the centre of the plant. The solution is automatically allowed to run down on to the roots of the plant. Then give ERADO a quick half turn and the top of the plant is cut off. A weed treated in this manner can never spring up again. The roots as well as the top of the plant are destroyed.

Brass covered cylinder, brass top, iron handle, each $1.25, postpaid, $1.50.

TRY ERADO. IT IS GUARANTEED. IF IT IS NOT ENTIRELY SATISFACTORY YOU CAN RETURN THIS IMPLEMENT FOR THE FULL PURCHASE PRICE.

SOLUTIONS TO BE USED:

For killing dandelions and most ordinary weeds gasoline or salt solution can be used to advantage. One pound of salt should be used to one quart of water.

For killing pig-weed, rag-weed and quack-grass use a solution of iron sulphate.

English Pattern, Extra Heavy Garden Trowels

No. 214. Shanks riveted on blade with extra strong rivets, and by the new method. Shank and adjoining part of blade are enameled a nice blue. Blade finely polished. A very nice article. Made only in 6-inch size, **each 25c, postpaid 35c.**

LEEDAWL $1.50 COMPASS

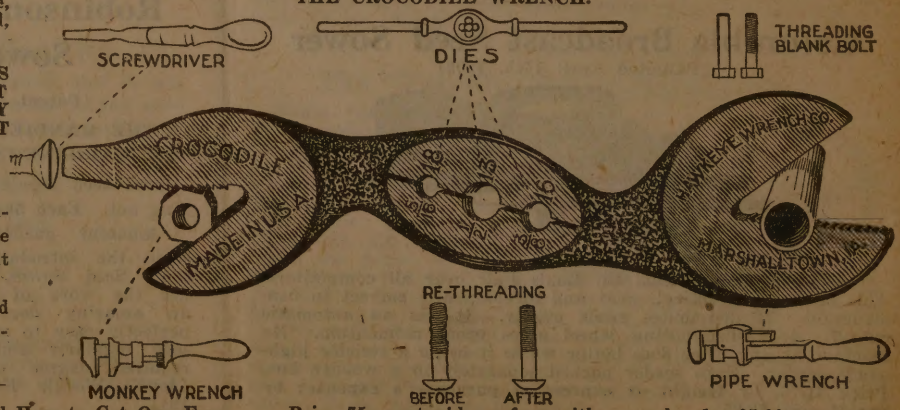
Fishermen, hunters, pedestrians, motorcyclists, automobilists, travelers, tourists, Boy Scouts, campers, sailors, woodsmen, farmers,—in fact almost everyone—appreciates a good compass.

The trouble has been that good compasses cost too much for many to afford and cheap ones were "trash."

The **Leedawl $1.50 Compass** solves the problem of a guaranteed compass that will last a life-time, at a price within the reach of everyone.

Its jeweled needle, untarnishable silvered metal dial, heavy and tempered steel point, screw stop (no dirt or moisture can get inside with this style of stop), white metal case (which cannot tarnish) and snap-in beveled crystal glass, are features that cannot be found in any other compass selling at **$1.50.**

THE CROCODILE WRENCH.



See Description, Page One, and How to Get One Free.

Price 75c postpaid, or free with an order for $5.00 or more.

GET A LEEDAWL COMPASS AND YOU WILL NEVER REGRET IT.

THE ESSEX GUARDED SCUFFLE HOE

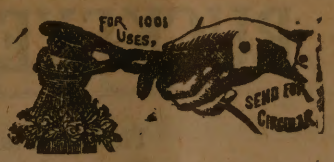
The most perfect weeder in the world. For all kinds of root crops for the farmer, the gardener, the florist.

Price 50c, Postpaid 60c.

This is not only a good weeder and scraper, but with its point becomes a good implement for thinning out where the plants are too thick and for lightening the soil. The blade is solid steel, all tempered, ⅞ inch wide, and is sharp on all its edges. Capital for weeding, thinning and stirring soil among onions, carrots, strawberries, etc. **Each 25c, postpaid 30c.**

THE ACME INSECT BELLOWS

For use in dusting insect powder of any kind on plants or fowls and makes a saving of 25 per cent. on insect powder. There is no more need of any waste of powder by using this bellows. It is the handiest thing out. **Each 20c.**

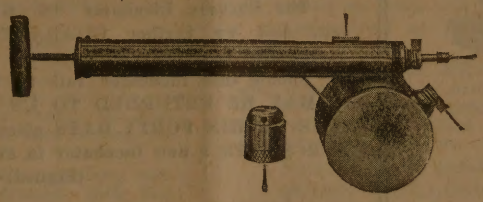


The Improved Lenox sells on its own merits. Spray appears like fog. Best clothes sprinkler in the world. Sprinkles so even; just the thing for gardening. You want one. Excellent for flowers and house plants. Moistens them as if by a fog. Fills instantly. Uses impossible to describe here. **Price 65c, postpaid.**

Dandy Hand Force and Suction Pump

This pump is made of the very best material. It supplies a long-felt want, viz.. a pump that is serviceable and one that can be sold at a price that will bring it within the reach of all. It is always ready for use and not liable to get out of order. It throws a stream thirty feet or more. In this age of insects it is invaluable for spring apple, pear, peach or plum trees, grape vines, etc., or windows. **$1.85, postpaid. By express at purchaser's expense, $1.50.** (See cut.)

The Auto-Spray No. 37



Capacity About One Quart

Continuous Sprayer—Will handle all solutions. Pump Cylinder, 12 ins. by 1½ inches diameter; retinned by special process where it comes in contact with solution, and is non-corrosive. Plunger Rod ¼-in. copper-plated steel. Brass Ball Valve. Removable front permits the syphon tube to be withdrawn for cleaning. Screw caps are reinforced with thumb levers, easy to turn. Two spray caps, one straight, the other at an angle. Construction of tank permits the sprayer to be operated at any angle, and it will not tip over when spraying.

No. 37B—Tin pump and galvanized reservoir, by express, $1.25; by parcel post, prepaid, $1.50.

No. 37C—Tin pump and brass reservoir, by express, $1.50; by parcel post, prepaid, $1.75.

"SCOLLAY" PLANT SPRINKLER

JUST LIKE RAIN—In nature's own way, either in house or garden. How often have you wished for something by which you could water your house plants—little or much—without soiling everything else near. That persistent foe, red spider, that causes so much annoyance and devastates plant indoors, can be exterminated by using the **Plant Sprinkler.** With it you can, without injuring your plants or soaking the earth, quickly sprinkle them. It will render valuable aid in keeping them fresh and healthy. The up-to-date flower grower will not be without a sprinkler. **Price, No. 2, $1.25; No. 3, $1.00; No. 4, 75c, postpaid.**

THE LITTLE GIANT

Hand Broadcast Seed Sower

The Best in the Market—As can be seen by the illustration, it is simple in construction, light, strong and durable, and has a pressed tin distributing wheel, something found in no other seed sower. No feed-plate to carry, and weighing but three pounds complete. The agitator or force-feed in the Little Giant does not require seed to be cleaned, and will sow orchard or blue grass.

It will distribute all kinds of Fertilizer, land plaster and ashes.

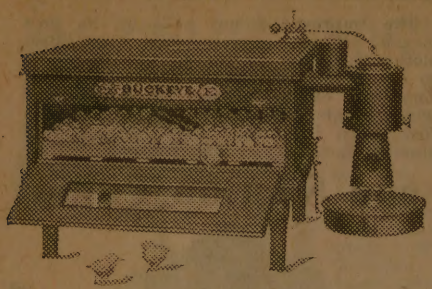
IT RECOMMENDS ITSELF ON SIGHT—Price, geared, $1.75, postpaid $2.35. Fiddlebow $1.50, postpaid $2.00.

These can be sent by express or freight with other goods.

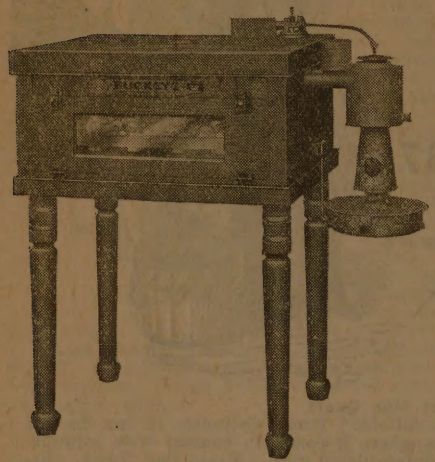
"Buco" Garden Cultivator

For Weeding, Cultivating, Potato Digging, etc.—Length of handle 4 feet 5 inches weight 3 pounds. This new hand garden cultivator has five tines of crucible spring steel, oil tempered, which can be adjusted to desired width. They can be removed to sharpen in after years when dull, or can be replaced with new ones if necessary. For special work one or more of the tines can be removed if desired. For preparing soil, planting, cultivating, etc., there is no hand tool made which can compare with it. It takes the weeds all out by the roots, cleans out the stones, loosens the soil thoroughly, and leaves it clean and smooth. All gardeners who have used it pronounce it indispensible and a great labor saver. **Price $1.00, by express or freight at the purchaser's expense.**

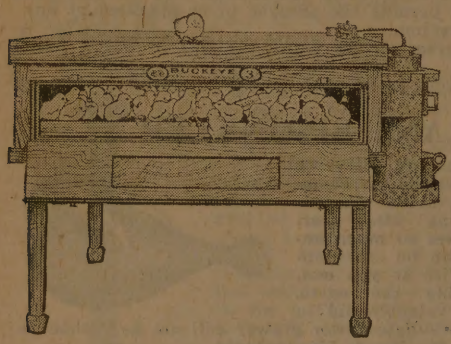
THE "CUMA" CULTIVATOR has finely tempered steel tines and steel socket. Keeps soil loose and fine to a considerable depth and cleans weeds out by root. The most useful and effective tool made for keeping flower beds in good condition and for other light garden work. **Each 50c, postpaid 60c.**



No. 14—Price $10.00.

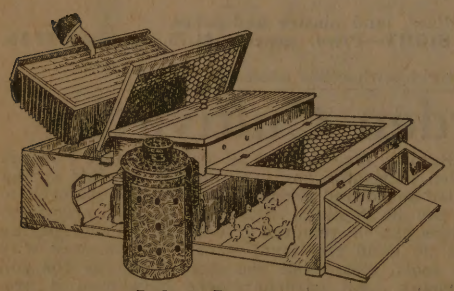


Nos. 15, 16 or 17.



Nos. 1, 2, 3, 4, or 5.

Outdoor Brooder
Klose-Kontact Type (in operation)



Indoor Brooder

With section cut out to show how the chicks are covered with the Klose-Kontact blankets. Also showing the Fresh-Air and Kant-Krowd features.

BUCKEYE INCUBATORS

The "Standard" Hot Water Hatching Device, Guaranteed to Hatch Every Hatchable Egg, and

Buckeye Kant-Krowd Klose-Kontact Brooders

The Only Perfect Artificial Mother Ever Invented.

THE MANUFACTURER'S GUARANTEE:

GUARANTEE

The Buckeye Incubator IS GUARANTEED to hatch every hatchable egg, and we further GUARANTEE the perfect working of ALL its mechanical parts.

Should this incubator fail to fulfill our guarantee in any particular, IT MAY BE RETURNED TO US AT OUR EXPENSE (via freight) ANY TIME WITHIN FORTY DAYS after its receipt, AND WE WILL SEND THE PURCHASER a new incubator in exchange.

(Signed)—THE BUCKEYE INCUBATOR CO.

THE MANUFACTURERS SAY: THIS IS A GUARANTEE THAT MEANS SOMETHING!

We are so absolutely confident that every incubator we build will hatch every hatchable egg that we are entirely willing to let anybody try one for forty days and send it back at our expense if it should prove defective in any way.

FORTY DAYS' TRIAL WITH EVERY INCUBATOR!

That sounds like a pretty broad guarantee, doesn't it, but after having sold over four hundred thousand Buckeyes with the same guarantee, and having less than one out of every thousand go wrong, we are entirely willing to let anybody try a Buckeye for forty days and send it back at our expense if it doesn't hatch every hatchable egg.

We assume all the risk! Our guarantee puts it strictly "up to the incubator." We don't say, "provided so and so," or "if you do this," or "if you do that." But we do say—

Buy a Buckeye and try it for forty days at our risk and if it doesn't hatch every hatchable egg you put in it, YOU CAN RETURN IT TO US AT OUR EXPENSE and our guarantee will be fulfilled without a question.

Now, reader, if a Buckeye incubator will do all we claim, and remember, WE GUARANTEE THAT IT WILL DO IT, can you afford to be without one.

If you keep chickens, you need an incubator, and if you need an incubator, you need a Buckeye.

INCUBATORS

No. 14—(Style E) 60 egg capacity	$10 00	No. 1—Standard, 150 egg capacity,	$22 00
No. 15—(Style H) 60 egg capacity	12 00	No. 2—Standard, 175 egg capacity,	28 50
No. 16—(Style E) 110 egg capacity	16 00	No. 3—Standard, 250 egg capacity,	36 00
No. 17—(Style E) 200 egg capacity	22 00	No. 4—Standard, 350 egg capacity,	42 00
No. 60—Standard, 60 egg capacity	17 50	No. 5—Standard, 600 egg capacity,	63 00

BROODERS

Portable No. 11	$11 00	Outdoor No. 9	$21 00
Portable No. 12	15 00	Outdoor No. 10	29 00
Indoor No. 7	16 50	Fireless No. 5	2 50
Indoor No. 8	22 50	Fireless No. 6	3 50

Freight or Express paid to any Station within 100 miles of London or same allowance made to any station outside the above distance.

HATCHED 107 OUT OF 110 EGGS THE FIRST TIME!

The first time I set my incubator I hatched 107 fine chicks out of 110 eggs. It done so good I didn't know when to stop and hatched 467 this season. I sold 290 at 65c apiece and kept the rest.

J. G. EVANS.

HATCHED BETTER THAN ANY OTHER!

The first incubator I ever used over twenty years ago was a Buckeye which gave me better hatches than any machine I ever owned, and I have used all the leading makes.

A. E. FIFIELD.

ALMOST HUMAN!

Last year I bought a 60-egg Buckeye incubator and believe me it was almost human. I set it three times and hatched 161 chicks out of 180 eggs. All strong chicks and no cripples. It really was so little trouble that I didn't know I had an incubator.

FRED. KOLBE.

Keepers' Supplies

We will work beeswax for customers at any time, and will furnish prices for such work on request. Parties wishing their wax worked will please state what quantity of it they have.

If you have beeswax for sale, write us, stating how much you have, and we will write, telling you how much we will pay you for it.

LANGSTROTH HIVES—The Langstroth Frame, 17⅝x9⅛, is the standard throughout Canada. There is none superior either for comb or extracted honey. Bees sell more readily in a Langstroth hive, and, besides, it would be better if a uniform hive were used.

No. 1—is a one-story hive. **Price in flat, 8-framed, each $1.75, 5 for $8.50; 10-framed, each $2.00, 5 for $9.25.**

No. 2—Is a one and a half story hive for comb honey. **Price, in flat, 8-framed, each $2.50, 5 for $12.00; 10-framed, each $2.75, 5 for $12.75.**

No. 3—Is a two-story hive for extracting. It includes a bottom board and cover, two bodies with sixteen thick top-bar Hoffman frames and two division boards. **Price, in flat, 8-framed, each $2.75, 5 for $12.75; 10-framed, each $3.00, 5 for $14.00.**

SUPERS—For Comb or Extracted Honey

Our Comb Honey Super is different in design from the first super sent out in a very important respect. The bees go into them more readily. In this Super, as well as in Super A and the sections as we now make them, we give bee-keepers a contrivance by means of which they secure all the advantages worth having.

Super A—For comb honey, includes super, separators, section-holders and followers. **Price, in flat, 8-framed, each 75c, 5 for $3.00; 10-framed, each 80c, 5 for $3.50.**

Super B—For extracted honey. It may also be used as the body of the hive. **Price, in flat, 8-framed, each 75c, 5 for $4.50; 10-framed, each $1.10, 5 for $5.25.**

Super C—Is a shallow super for extracted honey, 5⅜ inches in depth with a light top bar grooved for comb foundation. **8-framed, each 80c, 5 for $3.50; 10-framed, each 85c, 5 for $4.00.**

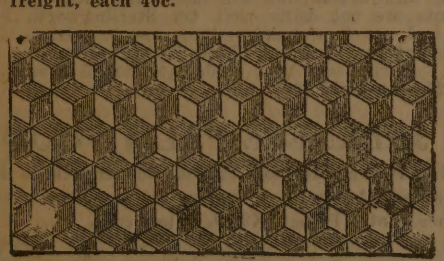
BROOD FRAMES — Self-spacing, Hoffman, with thick top bars. **Doz. 70c, 25 for $1.25, 50 for $2.25, 100 for $4.00.**

Shallow Extracting—Doz. 60c, 25 for $1.00, 50 for $1.85, 100 for $3.50.

SECTION HONEY BOXES—Our sales of sections the past season have been very large, owing, in a large measure, to the excellence of our goods. We handle nothing but first-class In ordering, please mention what style wanted. 4¼x4¼x1⅝, slotted on top and bottom. **Split top, 100 for 85c, 250 for $1.75, 500 for $3.50, 1,000 for $6.50.**

QUEEN OR DRONE TRAPS—The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. **Each 50c, postpaid 60c.**

THE "PORTER" BEE ESCAPE—The bees pass out between two delicate springs, which, partially closing behind them, prevent their return. Invented in 1890; consequently it is not an untried thing, but something that has given the best satisfaction. **Each 20c, doz. $2.00, postpaid; with boards, by express or freight, each 40c.**



COMB FOUNDATION—We give special attention to the manufacture of Comb Foundation in all its branches. It will be found for workmanship and material without an equal in Canada.

BROOD FOUNDATION—For Langstroth Frames, 8 sheets to pound. **Per lb. 65c, 5 lbs. 63c per lb; 10 lbs. at 60c per lb.** If wanted by mail, add 15c per lb.

SECTION FOUNDATION—If you use full size of section, one sheet will cut into four. The weight is 28 sheets to pound. **Per lb. 80c, 5 lbs. at 77c per lb; 10 lbs. at 75c per lb.** If wanted by mail, add 15c per lb.

Note—Price of Foundation subject to change without notice.

PERFORATED METAL—This is used between the upper and lower stories to prevent the queens from going up above. It is also used in entrance guards, drone traps, etc. **Per square foot, 25c.** Sheet 20x84 inches will cut 6 excluders for the 8-framed, or 5 for 10-framed. **Per sheet $2.75.**

Note—Price of metal subject to change without notice.

QUEEN EXCLUDERS—All metal or with wooden rim to hold metal tight and to form a bee space on the one side.

For Langstroth Hive—8-frame, unbound zinc, each 50c; 10-frame unbound zinc, each 60c; 8-frame, wood bound zinc, each 55c; 10-frame, wood-bound zinc, each 65c.

RUBBER GLOVES—Those who are timid will find rubber gloves a great help. Ladies' size, **per pair $1.85**; gentlemen's sizes, **per pair $2.00.** Postage 10c per pair extra. Gentlemen's extra large size, **per pair $2.25**; postage 10c.

BEE VEILS—Net with silk Brussels face (best veil), **40c.**

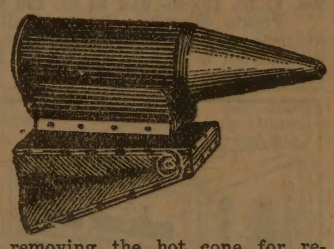
HONEY KNIVES—Our honey knives are beautifully finished. They are ground thin and sharp on both edges. Used for multitude of purposes about the apiary. **"The Beauty,"** fine mirror finish, **each $1.25, postpaid $1.35.**

SECTION HOLDERS, Slotted—Slotted section holders are used with slotted sections. **25, 75c; 100, $2.50.**

SEPARATORS, Slotted—Slotted separators are used with slotted section holders. **25 for 35c; 50, 65c; 100, $1.20.**

WIRE, Tinned—No. 30, the most suitable of any for wiring frames. An occasional customer prefers it a little finer, and once in a while it is wanted coarser. All things considered, this size is best. **½-lb. spool, each 20c; lb. spool, each 35c;** postage 12c per lb. extra.

DAZENBAKER SMOKERS—Danz Prize, 3½x7½, **each $1.25, postpaid $1.50.** Danz Victor, 3½x6, **each $1.10, postpaid $1.30.**



BINGHAM SMOKER — This is strong, well made, does not clog up, and burns any fuel. It has recently been improved by the addition of a curved snout to prevent fire dropping, and a safety attachment prevents burning the fingers in removing the hot cone for replenishing. Prices as follows: Smoke Engine, 4-inch, **price $1.75, postage 25c**; Doctor, 3½-inch, **price $1.35, postage 25c**; Conqueror, 3-inch, **price $1.00, postage 25c**; Daisy, 2¾-inch, **price 85c, postage 25c**; Little Wonder, 2-inch, **price 75c, postage 15c.**

CLARK'S COLD BLAST—The Clark's Cold Blast Smoker has probably exceeded the sales of all the others put together. It is easily lighted with a match, and when once well going it will not go out. **Each 80c, postpaid $1.00.**

HONEY EXTRACTORS—Best material, strongly made and easily operated.

No. 1 I.X.L.—Two baskets, Langstroth, size 9½x18. **Each $9.50.**

No. 2 I.X.L.—Two baskets, Jones, size 12x18. **Each, $11.50.**

No. 3 I.X.L.—Four baskets, Langstroth, size 9½x18. **Each $12.00.**

No. 4 I.X.L—Four baskets, Jones, size 12x18. **Each $14.00.**

Note—The Jones, or 12x18, will also do for the Langstroth or 9½x18. Also Automatic Reversible Extractors, 4 or 6 baskets, Jones or Langstroth sizes. Prices on application.

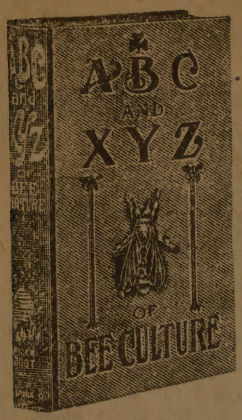
Feeders, Honey Pails, Comb Honey Crates, Wire Imbedders, etc.

We will be pleased to quote prices on any thing else in Bee Supplies not listed on this page.

FOR GARDENERS AND FLORISTS

A LIST OF VALUABLE BOOKS

FOR FARMERS AND OTHERS



A B C and X Y Z of Bee Culture—By A. I. Root. A complete work on the honey bee. Price, **$2.00, post paid $2.25.**

Alfalfa—By F. D. Coburn. Its growth, uses, and feeding value 164 Pages, cloth. Price, postpaid, **50c.**

Asparagus—By F. M. Hexamer. For home use as well for market. 174 pages, 5x7 inches. Cloth, **50c.**

Broilers for Profit—By Michael K. Boyer. A practical guide to successful broiler raising for market. Price, **50c.**

Bulb Growing—A concise guide to the culture of all the most important bulbous, tuberous and allied plants, by Walter P. Wright, and Horace J. Wright. **Postpaid, 50c.**

Cabbage, Cauliflowers—C. L. Allen. Requirements, conditions, cultivation and general management. Insects and fungi are given due attention. Illustrated; 126 pages; cloth. Postpaid, **50c.**

Celery Culture—By W. R. Beattie. From early plants to the handling and marketing of celery in carload lots. Price, **50c.**

Flower Gardening — A concise guide, dealing with laying out gardens, making lawns, beds, and borders, rockwork, arches, etc.; also giving selections of and cultural hints on all the best hardy plants, by Walter P. Wright, and Edwd. J. Castle. Postpaid, **50c.**

Fruit Growing—A concise manual, giving instructions for the management of every important fruit in cultivation, by Walter P. Wright. Postpaid, **50c.**

Gardening—A useful manual for all classes of Horticulturists, giving concise directions for the culture and selection of the leading flowers, fruit and vegetables, by Walter P. Wright. Postpaid, **50c.**

Greenhouse Construction—By L. R. Taft. For professional florists as well as amateurs. Over 100 excellent illustrations; 210 pages. Postpaid, **$2.00.**

Greenhouse Management — A practical manual giving directions for the general management of greenhouses, conservatories and other glass structures, and describing the culture and principal varieties of all the most important greenhouse and stove plants, by Walter P. Wright. Postpaid, **50c.**

Hedges, Windbreaks, Shelters and Live Fences—By E. P. Powell. It gives accurate directions concerning hedges, windbreaks and shelters. 140 pages, 5x7. Cloth, **65c.**

Land Draining—By Manley Miles. A handbook for farmers on the principles and practice of Draining. **$1.00.**

Little Gardens and How to Make the Most of Them—By H. H. Thomas. Postpaid, **50c.**

Melon Culture—By I. Troop. This is a practical book on the melon, of service to the amateur as well as to the commercial grower. Postpaid, **60c.**

Mushrooms, How to Grow Them — By Falconer. **$1.00.**

Poultry Feeding and Fattening—By G. B. Fiske. Chickens, broilers, capons, turkeys, water fowls; how to feed. 160 pages, 5x7½ inches. Cloth, **50c.**

Poultry Appliances and Handicraft—By G. E. Fiske. Over 100 illustrations, 5x 7 inches. Cloth, **65c.**

Poultry and Profit—By William W. Broomhead. Postpaid, **50c.**

Profitable Dairying—By C. L. Beck. A practical guide to successful dairy management. 200 pages. Cloth, **$1.00.**

Quinby's New Beekeeping—Mysteries of beekeeping explained; 50 years' experience. **$1.25 postpaid.**

Rose Growing—A concise guide, describing the propagation, pruning and general culture of Roses, both out of doors and under glass, by Walter P. Wright. Postpaid, **50c.**

Small Fruit Culturist—By Andrew S. Fuller. Their culture, varieties, packing for market, etc., 298 pages, 5x7 inches. Cloth, **$1.25.**

Spraying Crops—Why, When and How?—This is a book that anyone with fruit should not fail to get. **50c.**

Squabs for Profit—By Wm. E. Rice and Wm. E. Cox. Methods of selecting breeding, feeding, killing and marketing squabs. The plans and specifications for building, etc., are complete. 150 pages. Cloth, **45c.**

Stewart's Shepherds' Manual—By Henry Stewart. It is so plain that a farmer or a farmer's son, who has never kept a sheep, may learn from its pages how to manage a flock successfully. Illustrated, 276 pages, 5x7 inches. Cloth, **$1.25.**

Strawberry Culturist—By Andrew S. Fuller. Containing all information necessary to enable everybody to raise their own strawberries. Fully illustrated. Price, postpaid, **35c.**

The New Egg Farm—By H. H. Stoddard. The management of poultry in large numbers. Illustrated. **Cloth, $1.00.**

Tobacco Culture—Full, practical details by fourteen experienced tobacco growers. **25c.**

Turkeys, and How to Grow Them—By Herbert Myrick. The best methods to insure success. Cloth. Price, **$1.00.**

Tomato Culture—By Will W. Tracy. Practical experience of the best posted expert on tomatoes in the world. 150 pages; cloth. Postpaid, **50c.**

The New Onion Culture—By T. Greiner. Onions of larger size and yield on less land than can be raised by the old plan. 140 pages. Postpaid, **50c.**

Vegetable Growing—A practical manual giving directions for laying out Kitchen Gardens and allotments, describing the value and use of manures, advising as to the destructions of pests, dealing with the principal tools, and appliances and treating on the culture and best varieties of every important vegetable, by Walter P. Wright. Postpaid, **50c.**

Window Flower Gardens—The practical article and pleasing illustrations, all on window gardening, **50c.**

Your Plants—Plain and practical directions for the treatment of tender and hardy plans in the house or in the garden. Price, **50c.**

FERTILIZERS—FOR THE FARM, GARDEN, LAWN AND POT PLANTS

Celery and Early Vegetable Manure—Especially adapted for truck gardeners and plant growers. It is manufactured from the best pure high-grade materials, and is very soluble. **25 lbs. $1.25, 125-lb. bag $3.35, 250 lbs. $6.60, ton $50.00.**

Potato Manure—Contains all the elements required for an average yield, and at the same time supplies them in forms best suited to the potato crop. **25 lbs. $1.25, 125-lb. bag $3.25, 250 lbs $6.25, ton $48.00.**

Desiccated Bone is a pure animal bone without adulteration, from which all the grease has been extracted by a patent process, leaving the resultant bone in a finely divided state. **Per 125 lbs. $3.00, 500 lbs. $11.00, ton $40.00.**

Nitrate of Soda—Used by leading market gardeners to hasten growth of cabbage, cauliflower, tomatoes, etc. Its effects are astonishing. Wherever tried has been more extensively used. Try it for yourself. **Lb. 10c, 25 lbs. $2.00, 100 lbs. $4.50.**

Makes Flowers Flourish.

Flowers are like people. Their health depends upon their food. It must be *nourishing*, but not too rich to force growth and cause reaction. The one chemically correct flower food for house plants is

Walker's Excelsior Brand.

It has no odor whatever, and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last.

Small size (feeds 25 plants 6 months), **25c.**; large size (enough for a year), **50c.** Sent prepaid anywhere. With each package we send FREE the book, **"How to Make the Window Garden a Success."**

SULPHO-TOBACCO SOAP

A WONDERFUL AND INEXPENSIVE INSECTICIDE.

Sulpho-Tobacco Soap is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Three-ounce Cake makes 1½ gallons prepared solution. **10c Mailed, postpaid, for 13c.**

Eight-ounce Cake makes 4 gallons prepared solution. **20c. Mailed, postpaid, for 28c.**

PINK PILLS FOR PALE PLANTS

STERLINGWORTH PLANT FOOD TABLETS—Contain Nitrogen, Ammonia, Phosphoric Acid and Potash. A new scientific, odorless, concentrated Fertilizer for potted plants. Takes the place of liquid manure. It starts the plants at once into healthy and vigorous growth, and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are odorless, nonpoisonous, uninjurious and are clean and easy to handle. If your plants are not doing well, try Sterlingworth Plant Food Tablets, and see how quickly they are benefitted. Trial size box, sufficient for 10 house plants for three months, **10c, postpaid 15c.** Large size box, sufficient for 35 plants for three months, **25c, postpaid 30c.**

JAPANESE PALM FOOD

Manufactured Expressly for Palms, Rubber Plants and Ferns.

Guaranteed Analysis—Nitrogen, 2½ per cent.; Avail, Phos. Acid, 7 per cent.; Potash K2 O, 3 per cent.

Made of material just suitable for these delicate classes of plants. Have you a palm, fern or rubber plant? Then you should have a package of Japanese Palm Food. A chemically prepared fertilizer that will make healthy plants and beautiful foliage. Can be used as a solution, top dressing for repotting plants. When used once a week for two or three weeks, you will notice it producing a greener and more luxuriant growth. After the third application, it is not necessary to use it oftener than once in six weeks. **Price 35c, postpaid 45c.**

PALE PLANTS NEED PINK PILLS—SEE THIS PAGE.

Darch & Hunter Seed Co's

RELIABLE COLLECTION OF

Vegetable and Flower Seeds

JUST THINK OF IT!

29 Grand Varieties of Vegetable and 6 Packets of Flower Seeds

ONE PACKET OF EACH—ALSO ONE LARGE PACKET OF SWEET CORN, WAX BEANS, DWARF GARDEN PEAS.

$1-An Unparalled Offer, only $1

As these collections are made up before the busy season opens, we are enabled to sell them at 25 to 50 per cent. less than they would cost if the articles were selected separately; or if two or three varieties should be of no use to you, you will still be getting the remainder at much less than catalogue rates. REMEMBER THAT NO COLLECTION CAN BE BROKEN UNDER ANY CONDITION.

$2.00 No. 1 Vegetable and Flower Collection for $1.00

1 pkt. Beet, Turnip.
1 " Cabbage, early.
1 " Cabbage, large, late.
1 " Carrot, half-long, scarlet.
1 " Cauliflower, extra early Paris.
1 " Cucumber, long.
1 " Cucumber, pickling.
1 " Celery, Giant Golden Heart.
1 " Lettuce, Cabbage.
1 " Musk Melon, mixed varieties.
1 " Watermelon, mixed varieties.
1 " Vine Peach.
1 " Onion, Yellow Globe Danvers.
1 pkt. Onion, Large Red Weatherfield.
1 " Parsnips, Imp. Hollow Crowned.
1 " Pepper, mixed varieties.
1 " Pumpkin, mixed varieties for pies.
1 " Parsley, Taber's Exquisite.
1 " Radish, Turnip-shaped.
1 " Radish, Long Scarlet.
1 " Salsify, or Vegetable Oyster.
1 " Spinach, Giant, thick-leaved.
1 " Squash, Imp. Hubbard.
1 " Squash, mixed varieties.
1 " Tomato, large, smooth.
1 " Turnip, White Garden.
1 pkt. each Summer Savory, Sage, Thyme.
1 " Corn, Early Sweet.
1 " Beans, Dwarf Wax.
1 " Peas, Early Dwarf, Garden.

Flower Seeds.

1 " Balsam, best double mixed.
1 " Aster, all varieties.
1 " Mignonette, Large Flowering.
1 " Stock, Dwarf German Ten-Week, mixed.
1 " Phlox, Grandiflora, mixed.
1 " Mixed Gourds.

Above collection contains 29 packets Vegetable Seeds, 6 packets Flower Seeds, and one large packet each Early Sweet Corn, Dwarf Wax Beans, Dwarf Garden Peas. Sent to any address, postpaid, for $1.00.

70c. No. 2 Collection of Vegetables for 50c.-See Illustrations on back of this Cover

Early Model Blood Turnip Beet

Early Model Blood Turnip Beet is very early, nearly as early as Egyptian, and greatly surpasses that variety in flavor. The color is a rich dark red, and shape is globular. It is free from side or fibrous roots, being always smooth. It is excellent for forcing for a main spring or summer crop, or for use in winter, as it is a good keeper. It always cuts and cooks a rich, dark blood red; is tender, sweet and crisp, and is in every way the standard sort for the market or home gardener. Has made a good crop seven weeks from sowing. **Pkt. 10c, oz. 20c, 2 ozs. 35c, ¼ lb. $1.00.**

Improved Early Glory Cabbage

An Improved Strain of Early Glory—In our judgment it excels in flavor all varieties known to us. It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. Planted side by side with Early Jersey Wakefield, under the same conditions, the former produced heads of marketable size five to six days earlier, and in size fully double that of the Early Jersey Wakefield. Glory Cabbage is more solid and better flavored and keeps in fine condition much longer. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped, and with few outside leaves. Size ideal for marketing. An extra good cropper on account of extra size over many other first early sorts. **Pkt. 15c, ½ oz. 35c, oz. 60c, ¼ lb. $2.00.**

D. & H's Satisfaction Cucumber

Twelve to fourteen inches long; very solid, smooth and early; a gem as a slicer. This is a stock of cucumber upon which we have spent much time. The seed we offer is of our own growing and the selection is from the finest types only. The value of it to market gardeners and greenhouse men who desire a uniform, deep green, extra long cucumber will be appreciated as soon as tried. It is a beauty, in color, a rich dark green extending from tip to tip, and holding its own for weeks after the cucumber has reached its growth. Very symmetrical in shape, good size from 12 to 14 inches in length, while many specimens grow larger, its beautiful solid fruit (with hardly any seed cavities), makes it a perfect gem as a slicer, and in its earlier stages of growth it is an ideal pickler. While picking it, the remark was often made by the pickers: "There is some satisfaction in picking these." **Pkt. 10c, ½ oz. 15c, oz. 25c, ¼ lb. 75c, lb. $2.50.**

CRISP-AS-ICE LETTUCE

CRISP-AS-ICE LETTUCE—A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, **Crisp-as-Ice.** The glossy leaves are thick, nicely crimped and curled; the outside leaves are beautifully variegated with dark bronze and green. The heads, when cut open, have a rich, creamy yellow heart. A superior family and home market lettuce. **Pkt. 10c, ½ oz. 20c, oz. 35c.**

TOMATO—Byron Pink

The form is perfect, uniform, large and attractive. The flesh is very firm. A robust grower, with short joints, setting its clusters closer together than most varieties, and it therefore follows, a very heavy cropper. The fruits are usually very deep from stem to blossom end. Ripens evenly, does not crack about the stem, and the flavor is all that can be desired. We have tested it for several years, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes; but there is more money in growing it for early market than any other known variety, because it has about four clusters of fruit where others have only three. The fruit and clusters are also larger, and it comes in early, while the prices are fancy. (Originator's stock.) **Pkt. 15c, 2 pkts. 25c, ¼ oz. 75c, ½ oz. $1.25, 1 oz. $2.00.** This is a very shy seeder, therefore seed is higher in price than ordinary varieties.

D. & H's Eureka Radish

BEAUTIFUL COLOR, VERY BRITTLE, PURE WHITE FLESH READY IN 25 DAYS.

The largest and handsomest, ready for table very early, and remains hard and crisp until it reaches a diameter of about an inch and a quarter, thus furnishing good roots for a long time. In appearance this radish is entirely unique. The tops are very small and they may stand close in the row. They grow straight and smooth, from six to seven inches long. The flesh is very tender, crisp and delicious. This is a handsome variety, bright red in color, and remains in good condition for several days. **Pkt. 10c, oz. 20c, 2 ozs. 35c, ¼ lb. $1.00.**

Advertiser Job Printing Co., London